

## BIOMYX 2003 PRODUCT LIST

Growth Factors  
Stimulight™ Reporter Vectors With *cis*-Elements  
Products for RNA Interference  
ProteGene™ Dominant Negatives and Constitutively Actives  
Prepared and Custom Agar Plates

### Growth Factors

<b>TNF-<math>\alpha</math></b> Recombinant Human Tumor Necrosis Factor Alpha (TNF-alpha)	<b>T1100-20</b>	20 $\mu$ g	\$299.00
	<b>T1100-200</b>	200 $\mu$ g	\$750.00
	<b>T1100-1000</b>	1.0mg	\$1,999.00

### Stimulight™ Reporter Vectors With *cis*-Elements

<b>pHTS-CRE</b> cAMP luciferase reporter for making stable cell lines	Catalog#	<b>P2100</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-GAS</b> $\gamma$ -interferon luciferase reporter for making stable cell lines	Catalog#	<b>P2105</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-ISRE</b> $\alpha$ - and $\beta$ -interferon luciferase reporter for making stable cell lines	Catalog#	<b>P2110</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-NFAT</b> NFAT luciferase reporter for making stable cell lines	Catalog#	<b>P2115</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-NF<math>\kappa</math>B</b> NF $\kappa$ B luciferase reporter for making stable cell lines	Catalog#	<b>P2120</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-AP1</b> Activation by AP-1 complex (c-Jun/fos) with luciferase reporter for making stable cell lines	Catalog#	<b>P2125</b>
	Amount	40 $\mu$ g
	Price	\$450.00
<b>pHTS-MCS</b> cis-enhancers or cis-responsive elements cloning vector with luciferase reporter and hygromycin coding sequence for stable cell line selection	Catalog#	<b>P2130</b>
	Amount	40 $\mu$ g
	Price	\$450.00

## Products for RNA Interference

<b>pU6-siRNA</b>	Catalog# <b>P8018</b>
Mammalian Small Interference RNA Expression Vector With Mouse U6 snRNA Promoter. Kit includes 20µg of pU6-siRNA plasmid (0.5µg/µl); 0.5nmole U6 Sequencing Primer, (Part# P8018B: 10pmole/µl \$95.00)	Amount 20µg Price \$195.00

<b>pH1-siRNA</b>	Catalog# <b>P8020</b>
Mammalian Small Interference RNA Expression Vector With Human H1 RNA Promoter. Kit includes 20µg of pH1-siRNA (0.5µg/µl) Plasmid; 0.5nmole of H1 Sequencing Primer, (Part# P8020B: 10pmole/µl \$95.00)	Amount 20µg Price \$195.00

<b>siRNA Expression Vector Kit</b>	Catalog# <b>P8019</b>
Mammalian Small Interference RNA Expression Vector Kit complete with components in catalog numbers P8018 and P8020.	Amount 20µg each Price \$315.00

<b>U6 Sequencing Primer</b>	Catalog# <b>P8018B</b>
	Amount 0.5nmole Price \$95.00

<b>H1 Sequencing Primer</b>	Catalog# <b>P8020B</b>
	Amount 0.5nmole Price \$95.00

## ProtéGene™ Dominant Negatives and Constitutively Actives

[Back To Top](#)

ProtéGene™ clones are fully sequenced and expression-verified. If the gene or the mutant of the gene you are interested in cannot be found on the list, please inquire about our [custom cloning and mutagenesis services](#).

[pMEV and pMEV-2HA mammalian expression vectors](#)

<a href="#">Human H-RAS</a>	<a href="#">Human N-RAS</a>	<a href="#">Human K-RAS2A</a>	<a href="#">Human K-RAS2B</a>
<a href="#">Human P53</a>	<a href="#">Mouse MEKK1</a>	<a href="#">Human CRAF1</a>	<a href="#">Human MEK1</a>
<a href="#">Human c-Jun(1-79)</a>	<a href="#">Human BRAF</a>		

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Cat#	Product Name	Brief Description	Amount	Price (USD)
Click on hyperlinked names for product manuals and sequences				
P1000	<a href="#">pMEV</a>	Mammalian expression vector designed for high level expression of proteins in mammalian cells using the strong CMV promoter and optimized 5'-leader sequences.	20µg	\$195.00
P1001	<a href="#">pMEV-2HA</a>	pMEV-2HA vectors are designed for high level protein expressin in mammalian cells as HA fusions. The use of 2xHA tags increases the detection sensitivity with anti-HA antibodies.	20µg each	\$298.00

<b>P1010</b>	Human H-RAS Set	Expression-ready clones of human H-Ras. Kit includes: pMEVHA-HRAS-WT, wild type H-Ras pMEVHA-HRAS-S17N, dominant negative H-Ras pMEVHA-HRAS-G12V, constitutively active H-Ras	20µg each	\$995.00
<b>P1010a</b>	pMEVHA-HRAS-WT	Expresses wild type human H-Ras1	20µg	\$565.00
<b>P1010b</b>	pMEVHA-HRAS-S17N	Dominant negative H-Ras1 (S17N)	20µg	\$565.00
<b>P1010c</b>	pMEVHA-HRAS-G12V	Constitutively active H-Ras1 (G12V)	20µg	\$565.00
<b>P1015</b>	Human N-RAS Set	Expression-ready clones of human N-Ras. Kit includes: pMEVHA-NRAS-WT, wild type N-Ras pMEVHA-NRAS-S17N, dominant negative N-Ras pMEVHA-NRAS-G12V, constitutively active N-Ras	20µg each	\$995.00
<b>P1015a</b>	pMEVHA-NRAS-WT	Expresses wild type human N-RAS1	20µg	\$565.00
<b>P1015b</b>	pMEVHA-NRAS-S17N	Dominant negative N-RAS1 (S17N)	20µg	\$565.00
<b>P1015c</b>	pMEVHA-NRAS-G12V	Constitutively active N-RAS1 (G12V)	20µg	\$565.00
<b>P1020</b>	Human KRAS2A Set	Expression-ready clones of human K-Ras2A. Kit includes: pMEVHA-KRAS2A-WT, wild type K-Ras2A pMEVHA-KRAS2A-S17N, dominant negative K-Ras2A pMEVHA-KRAS2A-G12V, constitutively active K-Ras2A	20µg each	\$995.00
<b>P1020a</b>	pMEVHA-KRAS2A-WT	Expresses wild type human K-Ras2A1	20µg	\$565.00
<b>P1020b</b>	pMEVHA-KRAS2A-S17N	Dominant negative K-Ras2A1(S17N)	20µg	\$565.00
<b>P1020c</b>	pMEVHA-KRAS2A-G12V	Constitutively active K-Ras2A1(G12V)	20µg	\$565.00
<b>P1025</b>	Human KRAS2B Set	Expression-ready clones of human K-Ras2B. Kit includes: pMEVHA-KRAS2B-WT, wild type human K-Ras2B pMEVHA-KRAS2B-S17N, dominant negative K-Ras2B pMEVHA-KRAS2B-G12V, constitutively active K-Ras2B	20µg each	\$995.00
<b>P1025a</b>	pMEVHA-KRAS2B-WT	Expresses wild type human K-Ras2B1	20µg	\$565.00
<b>P1025b</b>	pMEVHA-KRAS2B-S17N	Dominant negative K-Ras2B1(S17N)	20µg	\$565.00
<b>P1025c</b>	pMEVHA-KRAS2B-G12V	Constitutively active K-Ras2B1(G12V)	20µg	\$565.00
<b>P1030</b>	<a href="#">Human MEK1 Set</a>	Expression-ready clones of human MEK1 pMEVHA-MEK1-WT, wild type human MEK1 pMEVHA-MEK1-DN, dominant negative MEK1 pMEVHA-MEK1-CA, constitutively active MEK1 pMEVHA-MEK1-K97R, kinase deficient MEK1 (K97R)	20µg each	\$1356.00
<b>P1030a</b>	pMEVHA-MEK1-WT	Expresses wild type human MEK1	20µg	\$565.00
<b>P1030b</b>	pMEVHA-MEK1-DN	Dominant negative MEK1 (K97R; S218A; S222A)	20µg	\$565.00
<b>P1030c</b>	pMEVHA-MEK1-CA	constitutively active MEK1 (Delta amino acid residues32-51; S218E; S222E)	20µg	\$565.00
<b>P1030d</b>	pMEVHA-MEK1-K97R	Expresses kinase deficient MEK1 (K97R)		\$565.00

<b>P1035</b>	<a href="#">Human P53 Set</a>	Expression-ready clones of human tumor suppressor p53. Kit includes: pMEVHA-P53-WT, wild type p53 pMEVHA-P53-DN, dominant negative p53	20µg each	\$865.00
<b>P1035a</b>	pMEVHA-P53-WT	Expresses wild type human P53	20µg	\$565.00
<b>P1035b</b>	pMEVHA-P53-DN	Dominant negative p53(V143A)	20µg	\$565.00
<b>P1045</b>	<a href="#">Mouse MEKK1 Set</a>	Expression-ready clones of mouse MEKK1 pMEVHA-MEKK1-KD (CA) pMEVHA-MEKK1-K452M	20µg each	\$865.00
<b>P1045a</b>	pMEVHA-MEKK1-KD	Expresses the kinase domain of wild type mouse MEKK1, amino acid residues 375-672. It's constitutively active in mammalian cells.	20µg	\$565.00
<b>P1045b</b>	pMEVHA-MEKK1-K452M	Expresses the kinase domain (amino acid residues 375-672) of a mutant mouse MEKK1 (K452M). It lacks protein kinase activity.	20µg	\$565.00
<b>P1060</b>	Human BRAF Set	Expression ready clones of human BRAF pMEVHA-BRAF-WT pMEVHA-BRAF-K482M	20µg each	\$995.00
<b>P1060a</b>	pMEVHA-BRAF-WT	Expresses wild type human BRAF	20µg	\$680.00
<b>P1060b</b>	pMEVHA-BRAF-K482M	Expresses the kinase deficient human BRAF	20µg	\$680.00
<b>P1040</b>	pMEVHA-CRAF1-KD	Expresses the kinase domain of wild type human CRAF1, amino acid residues 305-648.	20µg	\$680.00
<b>J1100S</b>	<a href="#">GST-cJun</a>	Human c-Jun purified as GST fusion to >90%. Optimal	100µg	\$249.00
<b>J1100L</b>		phosphorylation substrate of JNK.	1.0mg	\$1999.00

## Prepoured and Custom Agar Plates

[Back to Top](#)

Lauria-Bertani (LB) agar plates are prepared with the highest quality ingredients and most stringent quality testing for reproducible growth results.

List prices are for sleeve of 10 plates.

EZ-Spreader™ spreading beads included for easy and safe plating of bacteria

Description	Catalog Number	Price
EZ-Spreader™: 10 vials of sterile beads for plating 60-100 Plates.	<b>S-1050S</b>	\$6.00
EZ-Spreader™: One tube of sterile beads for plating 120-200 Plates.	<b>S-1050L</b>	\$9.00
LB Agar, 100x15mm	<b>LB-1100</b>	\$15.00
LB Agar, 150x15mm	<b>LB-1150</b>	\$20.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 100x15mm	<b>LA-1100</b>	\$15.00
LB Agar, 100µg/ml <b>Ampicillin</b> , 100x15mm	<b>LA-2100</b>	\$15.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 0.1mM IPTG, 60µg/ml X-gal, 100x15mm	<b>LA-3100</b>	\$16.00
LB Agar, 75µg/ml <b>Carbenicillin</b> , 100x15mm	<b>LA-4100</b>	\$15.00
LB Agar, 75µg/ml <b>Carbenicillin</b> , 0.1mM IPTG, 60µg/ml X-gal, 100x15mm	<b>LA-5100</b>	\$16.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 150x15mm	<b>LA-1150</b>	\$20.00
LB Agar, 100µg/ml <b>Ampicillin</b> , 150x15mm	<b>LA-2150</b>	\$20.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 0.1mM IPTG, 60µg/ml X-gal, 150x15mm	<b>LA-3150</b>	\$22.00
LB Agar, 75µg/ml <b>Carbenicillin</b> , 150x15mm	<b>LA-4150</b>	\$20.00
LB Agar, 75µg/ml <b>Carbenicillin</b> , 0.1mM IPTG, 60µg/ml X-gal, 150x15mm	<b>LA-5150</b>	\$22.00
LB Agar, 34µg/ml <b>Chloramphenicol</b> , 100x15mm	<b>LC-1100</b>	\$15.00
LB Agar, 34µg/ml <b>Chloramphenicol</b> , 150x15mm	<b>LC-1150</b>	\$20.00
LB Agar, 50µg/ml <b>Kanamycin</b> , 100x15mm	<b>LK-1100</b>	\$15.00
LB Agar, 50µg/ml <b>Kanamycin</b> , 150x15mm	<b>LK-1150</b>	\$20.00
LB Agar, 35µg/ml <b>Tetracycline</b> , 100x15mm	<b>LT-1100</b>	\$15.00
LB Agar, 35µg/ml <b>Tetracycline</b> , 150x15mm	<b>LT-1150</b>	\$20.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 25µg/ml <b>Kanamycin</b> , 100x15mm	<b>LD-1100</b>	\$16.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 34 µg/ml <b>Chloramphenicol</b> , 100x15mm	<b>LD-2100</b>	\$16.00
LB Agar, 50µg/ml <b>Ampicillin</b> , 35µg/ml <b>Tetracycline</b> , 100x15mm	<b>LD-3100</b>	\$16.00
<b>Custom Agar Plate:</b> Agar plates to your specifications, 100x15mm	<b>CM-100</b>	Inquire
<b>Custom Agar Plate:</b> Agar plates to your specifications, 150x15mm	<b>CM-150</b>	Inquire

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[Back To Top](#)