

Product datasheet for **RN201367**

Aspg (NM_144750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aspg (NM_144750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aspg
Synonyms:	MGC112599
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201367 representing NM_144750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCTGTACCGGACCCGAGCAGCGGCTGTGGCCATCTACACTGGCGGCACCATCGGCATGCGGA
 GTGAAGCGGAGTGCTGGTACCTGGGAGAGGCCTGGCTGCTGCTGAGGACACTTCACATGCTCCACGA
 TGAAGAGTATGCCAGAGCCACAGCCTGCCGAGGATACGCTGGTGTGCCCCGGCCAGTTCTGACCAG
 AGGATCATCTACAAGGTGCTGGAGTGCCAGCCACTCTTCGACTCCAGTGACATGACCATCACTGAATGGG
 TTCAGATTGCCAAACGATAGAGAGACTACACACAGTACCAGGGCTTTGTGGTCATCCACGGCACGGA
 CACCATGGCCTTTGCTGCGTCAGTGCTCTTTTCATGCTGGAAAACCTGCAGAAAACGGTCATCCTCACA
 GGTGCCAGGTTCTATCCACGAACTGTGGAGTGATGGCCGTGAGAACCTGCTGGGGCTCTGCTCATGG
 CTGGCCAGTACGTCATCCCTGAGGTCTGCCTGTTCTTCAGAATCAGCTCTTCGGGGCAATCGGACAAC
 CAAGGTGGACGCTCGGAGATTTGCGGCCTTCTGCTCCCCTAACCTGCCCCCTCTAGCCACTGTGGGCGCA
 GACGTAACAATCAACCGTGAGCTGGTACGGAAGGCCAGTTGGAAGAGCCACCTGGTGGTCCACAGCAACA
 TGGAGCCTGATGTGGGCTACTGCGCCTTACCCTGGGATTCCCCTCCCTGGTCCGGACCTTCCTCCA
 GCCCCACTGAAGGGCGTGGTCATGGAGACCTTTGGCTCCGGGAATGGGCCCACCAAGCCGGACCTAATA
 CAGGAGCTCCGGGCGGCGGCCGAAAGAGGCCTGATCATTGTCACTGTACCCATTGCCTTCAGGGGGCTG
 TGACTCCGACTATGCACCTGGGATGGCCATGGCAGGAGCCGGCATAATCTCAGGCTTCGACATGACATC
 AGAAGCTGCCCTGGCCAACTGTCCTATGTGCTGGGCCAGCCAGGGCTGAGCCTGAGTGACAGGAAGAAG
 CTGCTGGCCAAGGATCTTCGCGGGGAGATGACTGCTTACAACAGATGACTTGCTGGGAGATGACATGC
 TGGGCTGCAGGGCCACATGGCTTCTCAGTATGAATGGCAGCCAGGATGCCGATGCCATGAAGGATGTTCT
 GCTGCCCGGCCTGGCCCTGGCTGCAGCTCATGCTGGTGACCTGGACACTCTGCAGGCCTTTGTGGAGCTG
 GGCAGAGACCTCAACCTGAAGGACTACAGTGGCCAGACGCCACTGCATGTGGCTGCACGGAGAGGGCATG
 CTTCACTGGTCCCATGCTACTGCAGAAGGTGTGGATGTGGATGCCTGTAATGAGGACGGTCAGAGCCC
 ACTGCTGCTGGCCGTGAGGGGACGGCATCAGAGTGTATCAGGCTGCTGAGGGCCGCTGGGGCTCACCTG
 TCTCCCCAGGAGCTGGAGGACGTGGGGACAGAGCTGTGCAGGCTGGCATCAAGGGCGGACAGCGAAGGCC
 TGCGGGCGTGGTGGCAGGCTGGGGCTGACCTAGGACAGCCGACTATGATGGACACTGTGCCCTGCAAGT
 TGCTGAAGCAGCAGGGAATGCAGATGTGGTGGCTCTGCTGCAGAGTCTTGAGGACAGGGTCAGCGCCAG
 CCCAGCCCCAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_144750

Insert Size: 1695 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_144750.2, NP_653351.1</u>
RefSeq Size:	2524 bp
RefSeq ORF:	1695 bp
Locus ID:	246266
UniProt ID:	<u>O88202</u>
Cytogenetics:	6q32
Gene Summary:	displays lysophospholipase, asparaginase and platelet-activating factor acetylhydrolase activities [RGD, Feb 2006]