

Product datasheet for **MC219105**

Aspg (NM_001081169) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aspg (NM_001081169) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aspg
Synonyms:	A530050D06Rik; AI429460; Gm690
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219105 representing NM_001081169
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGCTGCTATGGGACCAGAGCGCGGCTGCTGGCCATTTACACTGGCGGCACCATCGGCATGCGGA
 GCGAAGGCGGAGTGTGGTACCTGGCAGAGGCCTGGCTGCCGTCTGAAGACACTTCACATGTTCCACGA
 TGAAGAGTATGCACAGGCCACAGCCTGCCGAGGATACGCTGGTGTGCCCCGGCCAGCCCTGACCAG
 AGGATCATCTACACGGTCTGGAGTGCCAGCCACTCTTCGACTCCAGTGACATGACCATCACTGAGTGCG
 TTCAGATTGCCAAACCATAGAGAGACTACGCACAGTACCAGGGCTTTGTTGTCATCCATGGCACAGA
 CACCATGGCCTTTGCTGCCTCAGTGCTCTTTTCATGCTGGAAAATCTGCAGAAACAGTCGTCCTCACG
 GGTGCCAGGTACCTATCCACGCACTGTGGAGTGACGGCCGTGAGAACCTGCTGGGGGCTCTGCTCATGG
 CTGGCCAATACGTCATCCCTGAGGTCTGCCTGTTCTTCAGAATCAGCTCTTCGGGGCAATCGGACAAC
 CAAGGTGGACGCTCGGAGTTTGGCGCCTTCTGCTCCCCTAACCTGCCCCCTCTAGCCACTGTGGGCGCG
 GATGTGCAATCAACCGTGAGCTGGTACGGAAGGCCTGCGGGAAGAGCCATCTGGTGGTCCACAGTAGCA
 TGGAGCCTGACGTGGGCCTACTGCGCCTTACCCTGGAATTCGCCCTCCTGGTCCGGACCTTCCTCCA
 GCCCCCACTGAAAGGCGTGGTCATGGAGACCTTCGGCTCTGGGAATGGGCCCCACCAAGCCAGACCTACTA
 CAGGAGCTTCGGGTGGCGGCCGAACAAGGCCTGATCATTGTCAACTGTACCCATTGCCTTCAGGGGGCTG
 TGACTTCGGACTATGCATCTGGCATGGCCATGGCAGGAGCTGGCATAGTCTCGGGCTTCGACATGACATC
 AGAGGCTGCCCTGGCCAACTGTCCTATGTGCTGGGCCAGCCAGGGCTGAGCCTGAATGACAGGAAGAAG
 CTGCTGGCCAAGGATCTTCGTGGGAGATGACGCTGCCTGCAACAGATGTCTTGCTGCAGGATGGCATGC
 TGGGCTGCAGGTAGCTTGGCTTCTCAGTATGAATGGCAGCCAGGAGGCTGATACCATGAAGGATGTTCT
 TCTGCCCCGCTGGCCCTGGCTGCAGCTCACGCTGGTGACCTGGACACCCTGCAGGCCTTTGTGGAAGTCTG
 GACAGAGACCTAAACCTGAAGGACTATAGTGGTCAAACCCCACTGCATGTGGCTGCACGGAGGGGCCATG
 CCGCAGTGGTTACCATGTGCTGCAGAGGGGTGCGGATGTGGATGCCCGTAATGAGGATGGTCAGAGCCC
 ACTATTGCTGGCCGTGAGGGGCAGGCATCAGAGTGTATTGGGCTGCTGAGAGCTGCTGGGGCCCGCTG
 TCTCCCCAGGAGCTGGAGGACGTTGGGACAGAGCTGTGCAGGCTGGCATCAAGGGGAGACAGCGAAGGCC
 TGCGGGCATGGTGGCAGGCTGGGGCTGACCTGGGACAGCCAGACTATGATGGACACTGTGCCCTGCAAGT
 AGCTGAAGCAGCTGGAATGCAGATGTGGTGGCCCTGCTACAGAGCTTTAAGGACAGTGTCTGTGCCAG
 CCCCAGCCCCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081169

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001081169.1, NP_001074638.1</u>
RefSeq Size:	2732 bp
RefSeq ORF:	1695 bp
Locus ID:	104816
UniProt ID:	<u>A0JNU3</u>
Cytogenetics:	12 F1
Gene Summary:	Exhibits lysophospholipase, transacylase, PAF acetylhydrolase and asparaginase activities. [UniProtKB/Swiss-Prot Function]