

Product datasheet for **MC220308**

Agps (NM_172666) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agps (NM_172666) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Agps
Synonyms:	5832437L22; 9930035G10Rik; Adaps; Adas; Adhaps; Adps; Aldhpsy; AW123847; bs2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220308 representing NM_172666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCGCGCGGGCGCCGCTCTGAGTGACCTTTCACCCGAGCCAGCGCCTCGGGCGGGCACAAGG
 CGGAAGCCATGGCGGAGGCGGGCGGGCGAGGCGGGCGGAGCGGAGCCAGACGCGGGCCGCGC
 GCGCCGCGGCTGCGGGTCTGTGCGGGCCTCTGCTGGGCCGGCCAGGAGGCTCCGAGTACCAATGAG
 TGCAAAGCGGGAGAGCCGCGTGGCGGGCGGGCGTGGCCGCGCTACTCTGCCGACCAGAGTCGG
 GCACCATCCCAAGAAGCGGCAAGAAGTTATGAAATGGAATGGATGGGGTACAATGATTCCAAGTTCTT
 ATTGAATAAGAAGGGCCAGGTTGAGCTGACTGGGAAAAGGTACCCACTTAGTGGCTTGGTTTTACCACT
 TTGAGAGACTGGATCCAAAACACCCTTGGAGTAAGTCTGGAGCATAAACTACCTCTAAAACATCCATAA
 ATCCTAGTGAAGCACCTCTTCTATTGTGAATGAAGATTCCTTCAGGAACCTAAAGAAGCTCGGATTC
 CTACTCACAGGAAGCAGATGATCGTGTGTTTAGAGCTCACGGTCATTGTCTTCAGGATATTTTTGCTC
 AGAGAAGGGATGTTTGGCGGATTCCTGATATAGTTGTATGGCCAACATGTCATGATGATGATGATGTAAGA
 TTGTGAATCTAGCTTGCAAATATAACCTTTGTATCATACCAATTGGTGGAGGAACAAGTGTGCCTATGG
 CTTGATGTGCTCTGCAGACGAGACAAGAACAATAATTTCTTTGGACACTTCAAAATGAACCGGATTCTC
 TGGGTTGATGAGAACAATCTGACAGCTCACGTAGAGGCTGGGATAACAGGACAAGATTTGGAAAGACAGC
 TAAAGAAAGTGGTTATTGTACAGGTCATGAACCGGACTCCCTGGAAATCAGCACCGTGGGAGGATGGAT
 ATCTACTCGAGCGTCAGGCATGAAGAAAAATCTATGGCAATATTGAGGACCTGGTGGTTCATATGAAA
 ATGGTAACACCTAGAGGTGTAATAGAGAAAAGCTCCCAAGGACCTCGTATGTCAACGGGCCCTGATATCC
 ATCACTTCATTATGGGATCTGAAGGAACCTTTGGTGAATAACAGAAGCTACAATAAAGATCAGACCAAC
 CCCTGAGTACCAGAAGTACGGTTCCGGTGGCTTTCCCTAACCTTTGAACAAGGTGTAGCCTGTTTAAGAGAA
 ATTGCAAAGCAGAGATGTCTCCTGCATCTATCCGCCTCATGGACAACCGCAGTTCAGTGGTGGTGCATG
 CTCTAAACCTCAGGCTCTTCTATTTTTACATCATTTTTGGATGGATAAAAAGTTTTATATTACAAA
 GTTTAAAGGATTTGATCCAAATCAAATAAGTGTAGCCACACTACTGTTGAGGGAGACCGTGAAGGTT
 CTTGAGCAGAAAAACAAGTGTATGACATCGCAGCAAAATTTGGTGGTCTGGCTGCTGGAGAAGATAACG
 GTCAGAGGGGTTATTTGCTGACTTATGTCATTGCATATATTCGTGATTTGGGTTGGAATACTATGTAAT
 AGGAGAATCTTTGAGACTTCTGCTCCTGGGACAGGGTTATAGATCTGTGTAGAATGTAAGGAGAGG
 ATAAGAAGGGAATGCAAAGAAAGGGGAGTTCAGTTCGCACCTCTTCTACGTGCAGGGTGCACAGACTT
 ATGATGCAGGTGCATGTATCTACTTCTATTTTGCCTTAACTACAGGGGAATTAGTGACCCACTGACCGT
 GTTTGAACACACTGAGGCAGCTGCTAGAGAGGAAATCCTTGCCAATGGAGGGAGCCTGTCACATCCCAT
 GGAGTGGGCAAGATACGAAAGCAGTGGCTAAAGGAGAGCATCTCTGATGTCGGCTTTGGAATGCTAAAGT
 CCGTCAAGGAGTATGTGGACCAAGTAACATCTTTGGAACAGAAACCTTTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172666
- Insert Size:** 2016 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: [NM_172666.3](#), [NP_766254.2](#)

RefSeq Size: 7375 bp

RefSeq ORF: 2016 bp

Locus ID: 228061

UniProt ID: [Q8C0I1](#)

Cytogenetics: 2 C3

Gene Summary: Catalyzes the exchange of an acyl for a long-chain alkyl group and the formation of the ether bond in the biosynthesis of ether phospholipids.[UniProtKB/Swiss-Prot Function]