

Product datasheet for **RN210194**

Agps (NM_053350) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Agps (NM_053350) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Agps
Synonyms:	Adap-s; Adps; Ads
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210194 representing NM_053350
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCGCGCGGGCGCCGCTCTGAGTGACCTTTACCCGCGCCAGCGCCTCGGGCGGCAGCACAAAGG
 CGGAAGCCATGGCGGAGGCGGGGAGAGCGGGCGCGAGCGAGCGGGACCCAGACGCGGTCCGCGCGCG
 TCGGCGGCTGCGGGTTCTGTCGGGCCATCTGCTGGGCCGGCCAGGAGGCTCCGAGTACCAATGAGTGC
 AAAGCGCGGAGAGCCGCGTGGCGGGCGGGGCGTCCGCCGCTGCTTCCCGCGCGCCGGAGTCCGGCA
 CCATCCCCAAGAAGCGGCAAGAACTTATGAAATGGAATGGATGGGGCTATAATGATTCCAAGTTCTTACT
 GAATAAGAAGGGCCAGGTTGAGCTGACTGGAAAAGGTACCCTCTTAGTGGCTTGCTTTACCAACTTTG
 AAAGACTGGATCCAAAACACCCTTGGAGTAAATCTGGAGCATAAACTACCTCTAAACCATCCATAAATC
 CTAGTGAAGCACCTCTTCTATTGTGAATGAAGATTTCTTCAGGAACCTAAAGAAGCTCATATTTCTCA
 CTCACAAGACGCAGATGATCGTGTGTTAGAGCTCACGGTCATTGTCTTCATGAGATATTTTTGCTCAGA
 GAAGGGATGTTTGGAGCGATTCCGATATAGTTGTATGGCAACATGTCATGATGATGATGATGATGATGATG
 TGAATCTAGCGTGCAAAATAACCTTTGTATCATAACCAATTGGTGGGGGAACGAGTGTATCCTATGGCCT
 GATGTGCCCTGCAGATGAGACAAGAACAATAATTTCTTTGGATACTTCACAAATGAACCGGATTCTCTGG
 GTTGATGAGAACAATCTGACAGCTCACGTAGAGGCTGGGATAACAGGACAAGATTTGAAAGACAGCTTA
 AAGAAAGTGGTTATTGTACAGGTCATGAACCGGACTCCCTAGAATTCAGCATCGTGGGAGGATGGATATC
 TACTCGAGCATCAGGCATGAAGAAGAATGTCTACGGCAATATTGAGGACCTGGTGGTTACATGAAAATG
 GTAACACCTAGAGGTGTAATAGAGAAAAGCTCCAAGGCCCTCGGATGTCAACGGGGCCTGATATCCATC
 ACTTCATCATGGGCTCTGAAGGAACTCTGGTGTAAATAACAGAAGCTACAATAAAAAATCAGACCAACTCC
 TGAATACCAAAAAGTATGGTTCAGTGGCTTCCCTAATTTTGAACAAGGTGTAGCCTGTTTAAAGAGAAAT
 GCAAAGCAGAGATGTGCTCCTGCATCTATCCGCCATGGACAACCAGCAGTTTCAGTTTGGGCATGCTC
 TTAACCTCAGGTCTCCTCTATTTTACGTCATTTTGGATGGATTCAAAAAGTTTATATTACAAAAGTT
 TAAAGGATTTGATCCAAATCAAATAAGCGTAGCCACATTACTGTTGAGGGAGACCGTGAGAAGTTCTT
 CAGCATGAAAAACAAGTGTATGACATCGCAGCAAAATTTGGTGGTCTGGCTGCTGGAGAAGATAACGGGC
 AGAGGGGTTATTTGCTGACTTATGTCATTGCATACATGCGTGATTTGGGTTTGAATACTATGTAGTAGG
 AGAATCTTTTGGACTTCTGCTCCTTGGACAGGGTTATAGATCTGTGTAGAAATGTAAGAAAGGATA
 AGAAGGGAAATGCAAAGAAAGGGAGTTCAAGTTTGGCCTTTTCTACGTGCAGGGTGACGCAGACTTACG
 ATGCAGGTGCATGTATCTACTTCTATTTTGCCTTAACTACAGGGGAATTAGTGACCCACTGACTGTGT
 TGAACAGACTGAGGCAGCTGCTAGAGATGAAATCCTTGCCAATGGAGGGAGCCTGTCACATCACCATGGA
 GTGGGCAAGTTACGAAAGCAGTGGCTAAAGGAGAGCATCTCTGATGTCGGCTTTGGGATGCTAAAGTCTG
 TCAAAGACTATGTGGACCCAGTAACATCTTTGAAACAGAAACCTTTTAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_053350
- Insert Size:** 2013 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_053350.2](#), [NP_445802.2](#)

RefSeq Size: 2144 bp

RefSeq ORF: 2013 bp

Locus ID: 84114

UniProt ID: [Q9EQR2](#)

Cytogenetics: 3q23

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]