

Product datasheet for RN212634

Agpat4 (NM_133406) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Agpat4 (NM_133406) Rat Untagged Clone
Tag: Tag Free
Symbol: Agpat4
Synonyms: MGC93227
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212634 representing NM_133406
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACCTCATCGGGCTGCTGAAGTCCCAGTTTCTGTGTACCTGGTCTTCTGCTACGTGTTTCATCGCCT
CCGGGCTCATTGTCAACGCCATCCAGCTGTGCACGCTGGTTCATCTGGCCCATCAACAAGCAGCTGTTCCG
AAAGATAAACGCCAGACTCTGCTACTGCGTCTCCAGCCAGTTGGTGATGCTTCTGGAGTGGTGGTCAAGT
ACGGAGTGTACCATCTACACCGACCCGAAGGCCTCCCCCACTACGGGAAGGAAAACGCCATCGTGGTTC
TCAATCACAAGTTTGAGATTGACTTTCTCTGTGGCTGGAGCCTGGCTGAGCGCCTAGGGATCCTGGGAA
CTCCAAAGTCTGGCCAAGAAAGAACTGGCTTATGTCCCATCATTGGCTGGATGTGGTACTTTGTGGAA
ATGATCTTCTGCACACGCAAGTGGGAGCAAGATCGGCAGACGGTTGCCAAGAGCCTGCTGCACCTCCGGG
ACTACCCAGAGAAGTATCTGTTTCTGATCCACTGTGAGGGCACACGGTTCACAGAGAAGAAACACCAAT
CAGCATGCAGGTGGCCAAGCCAAGGGGCTGCCAGCCTCAAGCATCACCTGCTGCCACGCACCAAGGGC
TTTGCTATCACTGTGAAGTGTGCGGAGATGTTGTCCAGCCGTATATGACTGTACACTCAATTTAGAA
ACAATGAAAACCAACTGCTGGGAGTCTTAAATGAAAAGAAATACACGCTGACTGCTACGTTAGGAG
GATCCCCATGGAAGACATCCCTGAGGATGAGGACAAGTGCTCAGCCTGGCTACACAAGCTTACCAGGAG
AAGGATGCCTTTTCAGGAGGAATACTACAGGACAGGGGCTTCCAGAGACTCCCTGGGTTCCCCACGGC
GGCCCTGGTCTCTGGTCAACTGGTTGTTCTGGCGTCGTTGCTGCTCTATCCTTTCTTCCAGTTCCTTGT
TAGCATGGTCAGCAGCGTTCTCGGTGACGCTGGCCAGCTTGGTCTCATCTTCTGCATGGCCTCCATG
GGAGTTCGATGGATGATTGGTGTGACAGAAATCGACAAGGGCTCTGCCTATGGCAACATCGACAACAAC
GAAACAAACTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_133406
Insert Size:	1137 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:	<ol style="list-style-type: none"> 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_133406.1</u> , <u>NP_596897.1</u>
RefSeq Size:	1868 bp
RefSeq ORF:	1137 bp
Locus ID:	170919
UniProt ID:	<u>Q924S1</u>
Cytogenetics:	1q11
Gene Summary:	lysophosphatidic acid acyltransferase [RGD, Feb 2006]