

Product datasheet for MC227576

Pafah2 (NM_001285872) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pafah2 (NM_001285872) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Pafah2
 Synonyms: 2310074E22Rik; AI507170
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC227576 representing NM_001285872
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGAATAATAGAAGACCTCAGTTGGCCAGCAAATCCCGAGCACCCGGCTTTGGTCCAGCTGGTG
 ATGAGATGGGGGCCGGCCAGTCTGTGTCTCCACCCATCTCGGACCCACCACATTGGCTGCACGGA
 TGTGATGGAGGGTCACAGTCTTGAGGGGAGCCTTCCGACTCTTCTACCCTTGCCAAGCATCAGAGAAG
 TGCAGACAGCCCTGTGGATTCCCGCTACGAGTACAGCATGGGTCTGGCCGATTACCTGCAGTATAACA
 AGCGCTGGGTGGGTTGCTGTTCAACGTGGGTATCGGATCTTGTGCTTGCCTGTAGCTGGAACGGCCC
 CTTAAGGCAAAGGAGTCTGGATACCCTTTGATCATCTTGTCCATGGTCTAGGAGGGTTCAGGGCGTCA
 TACTCGGCCTTCTGCATGGAGCTGGCCTCTCGTGGCTTTGTGGTTGCTGCCGTAGAGCACAGGGACCAGT
 CAGCTGCGGCCACCTACTTCTGCAAGCCGACCTCCAGGAGAGCTCTCCCGCTGAATCTCTGGAGGAGGA
 GTGGCTCCCTTCCGTCGCATCAAGGAAGGGGAGAAGGAGTCCACGTCAGGAATCCTCAGGTGCACCAG
 CGGGTGAAGAGTGTGTGCGAGTGTGCGGATCCTTCCAGGACCCCTCTGCTGGGAAGACTGTCGTAATG
 TCTTCCAGGAGGACTGGATCTGATGACCTTGAAGGGCAGCATCGACAGGAACCCGCTAGCCGTGATGGG
 TCACTCCTTTGGAGGAGCTACGGCTGTTCTTGTCTTACCCAGGAGGTCCAGTTTCGGTGTGCTATAGCC
 CTGGACGCTTGGATGTTCCCTCTGGAACGGGACTTTTACCCAAAGCCGGGGCCCTGTGTTCTTTATCA
 ACGTCGAGAAATCCAGACGGTAGAGAGCGTCAACTTGATGAAGAAGATCTGTGCCAGCAGCAGCAGTC
 CAGGATCGTGACTGTCTAGGCGCTGTTTCATCGGAGTCAAAGTACTTTGCCTTTGTGACGGGCAACCTG
 ATTGCTAAATCTTTCCAGTAACTCTCGTGGTACCTTGGACCCTTACGAAAGTCAAGGAGTCAAGGTGA
 GGGCCATCTTGGCCTTCTGCAGAAGCACCTTGACCTGAAGGAAGACTACGATCAATGGAGCAGCTTCAT
 CGAAGCGTCGGACCATCGCTCATCCAAGGGGCCCGCACTATCTGTCTAGTCTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001285872
Insert Size:	1248 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001285872.1</u> , <u>NP_001272801.1</u>
RefSeq Size:	3194 bp
RefSeq ORF:	1248 bp
Locus ID:	100163
Cytogenetics:	4 D3
Gene Summary:	Has a marked selectivity for phospholipids with short acyl chains at the sn-2 position. May share a common physiologic function with the plasma-type enzyme (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).