

Product datasheet for MR229787

Pafah2 (NM_001285872) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pafah2 (NM_001285872) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Pafah2
 Synonyms: 2310074E22Rik; AI507170
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR229787 representing NM_001285872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCAGAATAATAGAAGACCTCAGTTGGCCAGCAAATCCCGAGCACCCGGCTTTGGTCCAGCTGGTG
 ATGAGATGGGGGCCGGCCAGTCTGTGTCTCCACCCATCTCGGACCCACCACATTGGCTGCACGGA
 TGTGATGGAGGGTCACAGTCTTGAGGGGAGCCTTCCGACTCTTCTACCCTTGCCAAGCATCAGAGAAG
 TGCAGAGCAGCCCTGTGGATTCCCGCTACGAGTACAGCATGGGTCTGGCCGATTACCTGCAGTATAACA
 AGCGCTGGGTGGGTTGCTGTTCAACGTGGGTATCGGATCTTGTGCGTTGCCCTGTAGCTGGAACGGCCC
 CTTAAGGCAAAGGAGTCTGGATACCCTTTGATCATCTTGTCCCATGGTCTAGGAGGGTTGAGGGCGTCA
 TACTCGGCCTTCTGCATGGAGCTGGCCTCTCGTGGCTTTGTGGTTGCTGCCGTAGAGCACAGGGACCAGT
 CAGCTGCGGCCACCTACTTCTGCAAGCCGACCTCCAGGAGAGCTCTCCCGCTGAATCTCTGGAGGAGGA
 GTGGTCCCTTCCGTCGCATCAAGGAAGGGGAGAAGGAGTCCACGTCAGGAATCCTCAGGTGCACCAG
 CGGTGAAAGAGTGTGTGCGAGTGTGCGGATCCTTCCAGGACCCCTCTGCTGGGAAGACTGTCGTAATG
 TCTTCCAGGAGGACTGGATCTGATGACCTTGAAGGGCAGCATCGACAGGAACCCGCTAGCCGTGATGGG
 TCACTCCTTTGGAGGAGCTACGGCTGTTCTTGTCTTACCCAGGAGGTCAGTTTCGGTGTGCTATAGCC
 CTGGACGCTTGGATGTTCCCTCTGGAACGGGACTTTTACCCAAAGCCGGGGCCCTGTGTTCTTTATCA
 ACGTCGAGAAATCCAGACGGTAGAGAGCGTCAACTTGATGAAGAAGATCTGTGCCAGCAGCAGCAGT
 CAGGATCGTGACTGTCTAGGCGCTGTTTCATCGGAGTCAAAGTACTTTGCCTTTGTGACGGGCAACCTG
 ATTGCTAAATCTTTCCAGTAACTCTCGTGGTACCTTGGACCCTTACGAAAGTCAAGGAGTCAAGTGA
 GGGCCATCTTGGCCTTCTGCAGAAGCACCTTGACCTGAAGGAAGACTACGATCAATGGAGCAGTTCAT
 CGAAGCGTCGGACCATCGCTCATCCAAGGGGCCCGCACTATCTGTCTAGTCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1245 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001285872.1 , NP_001272801.1
RefSeq Size:	3194 bp
RefSeq ORF:	1248 bp
Locus ID:	100163
Cytogenetics:	4 D3
MW:	46.7 kDa
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]