

Product datasheet for **RN207862**

Pafah2 (NM_177932) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pafah2 (NM_177932) Rat Untagged Clone
Tag: Tag Free
Symbol: Pafah2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207862 representing NM_177932
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCCGGTCAGTCTATATGCTTCCCGCCATCTCCGGGCCCCACCACATTGGCTGCACGGATGTGA
TGGAGGGTCACAGTCTTGAGGGGAGCCTCTCCGACTCTTACCCTGCGAAGCATCAGAGACGTGCGA
GCAGCCCTGTGGATTCCCCGCTATGAGTACTGCGTGGGTCTGGCTGACTACCTGCAGTATAACAAGCGC
TGGTGGGGCTGCTGTTCAACGTGGGCATCGGATCCTGTCGCTTGCCCTGTTAGCTGGAACGGCCCCTTTA
AGACAAAGGAATCTGGATACCCCTTGGATCATCTTGCCATGGCCTAGGGGGCTTCAGGGTGTCACTACT
GGCCTTCTGCATGGAGCTGGCCTCCCGTGGCTTTGTGGTTGCTGCCATAGAGCACAGGGACCAGTCAGCT
GCAGCCACCTACTTCTGCAAGCAGACCTCCCAGGAGAGTTCGCCCACTGAGTCTCTGGAGGAGGAATGGA
TCCCTTCCGTCGGATCAAGGAAGGGGAGAAGGAATCCATGTTAGGAATCCCCAGGTGCACCAGCGGGC
GAAAGAGTGTGTGCGCGTGTGCAGATCCTTCAGGACGCCTCTGCTGGCAAGCCTGTCAATGTCTTC
CCAGGAGGACTGGATCTGATGACCTTGAAGGGCAGCATCGACATGAGCCGAGTGGCTGTGATGGGACACT
CCTTCGGAGGGGCTACGGCTATTCTTGCTTTGACCCAGGAGGCCAGTTTCGGTGTGCTATAGCCCTGGA
CGCTTGGATGTTCCCTCTGGAACAGCACTTACCCCAAGGCCCGGGGCCCGTGTCTTTATAAACGTT
GAGAAATTCAGACAGTGGAGAGCGTGAACCTGATGAAGAAGATATGTGCCAGCAGGCAATCCAGGA
TCGTGACTGTCTAGGCGCTGTTTCATCGGAGTCAAAGTACTTTGCCTTTGTACGGGCAACATGATTGG
TAAACTCTTTCCAGCGGCACACGTGGGACTTTGGACCCTTATGAAGGTCAGGAAGTCATGGTGGCGGCC
ATGTTGGCCTTCTGCAGAAGCACCTCGACCTGAAGGAGGACTATGATCAGTGAACAGCTTCATCGAAG
GCATCGGACCGTCTCATCCAAGGGGCCCCACACTATCTGTCCAGCCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_177932
Insert Size:	1173 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:	NM_177932.2 , NP_808793.1
RefSeq Size:	1191 bp
RefSeq ORF:	1173 bp
Locus ID:	313611
UniProt ID:	P83006
Cytogenetics:	5q36
Gene Summary:	human homolog catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor resulting in inactivation [RGD, Feb 2006]