

Product datasheet for **RN210778**

Pafah1b1 (NM_031763) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pafah1b1 (NM_031763) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pafah1b1
Synonyms:	LIS1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210778 representing NM_031763 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTCTCCAGAGACAACGAGATGAACTAAATCGAGCTATAGCAGATTATCTTCGTTCAAATGGCT
ATGAAGAGGCATATTCGGTTTTTAAAAAGGAAGCTGAACTAGATATGAATGAAGAATTAGATAAGAAGTA
TGCTGGTCTTTTGAAAAAATGGACATCTGTTATTAGATTACAAAAAAGGTAATGGAATTAGAAATCA
AACTAAATGAAGCAAAAGAAGATTTACGTACAGGTGGTCTCTGGTCCAGAAACGAGACCCAAAAGAAT
GGATCCCGTCCACCTGAGAAATATGCATTGAGTGGTCCATAGGAGTCCAGTTACTCGAGTCATTTTCCA
TCCTGTGTTCAAGTGTATGGTCTCTGCTTCAGAGGATGCTACAATTAAGGTGTGGGATTATGAGACTGGA
GATTTTGAGCGAACTCTCAAGGGGCATACAGATTCTGTACAGGACATTTCTTTGACCACAGTGGCAAAC
TCTTGGCTTCTGTTCTGCAGATATGACGATTAATTAATGGGATTTTCAGGGTTTGAATGCATCAGAAC
CATGCACGGCCACGACCACAATGTCTCTCAGTAGCCATCATGCCTAATGGAGATCATATAGTGTCTGCC
TCAAGGGATAAACTATAAAAAATGTGGGAAGTCAAACGGTACTGTGTGAAGACATTCACAGGACACA
GAGAATGGGTACGTATGGTGGCCAAAATCAGGACGGCACTCTGATAGCCAGCTGTTCCAATGACCAGAC
TGTGCGTGTATGGTTGTAGCAACAAAGGAATGCAAAGCTGAGCTCCGAGAACACGAACATGTGGTAGAA
TGATTTCTGGGCTCCAGAAAGTTCATATTCTTCCATCTCTGAAGCAACAGGATCTGAGACTAAAAAAA
GTGGCAAGCCTGGACCCTTCTTGCTATCTGGTCCAGAGACAAAATTAAGATGTGGGACGTCAGTAC
TGGCATGTGCCTATGACTCTGGTGGGTGATGATAATGGGTACGTGGAGTTCTGTTCCATTCTGGGGG
AAGTTTATTTGAGTTGTGCTGATGACAAGACCCTCCGTGTATGGGATTACAAGAACAAGCGATGCATGA
AGACCCTCAATGCGCATGAACACTTTGTTACCTCCTTGGATTTCCATAAGACGGCACCCATGTGGTTAC
TGGCAGTGTAGTCAAACAGTAAAGGTGTGGGAGTGCCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031763
Insert Size:	1233 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_031763.3</u> , <u>NP_113951.1</u>
RefSeq Size:	4388 bp
RefSeq ORF:	1233 bp
Locus ID:	83572
UniProt ID:	<u>P63004</u>
Cytogenetics:	10q24
Gene Summary:	subunit of the brain intracellular platelet-activating factor acetylhydrolase, which is composed of alpha1, alpha2, and beta subunits [RGD, Feb 2006]