

Product datasheet for MR202799

Pafah1b3 (NM_008776) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pafah1b3 (NM_008776) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pafah1b3
Synonyms:	mus[g]; Pafahg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202799 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGGGGAAGGGGAGAACC CGCCAGCAAGCCACGCCTGTGCAAGACGTGCAGGTGACGGGCGCT
GGATGTCTCTGCACCATCGTTTGTAGCGGACAGCAAAGACAAGGAACCCGAAGTAGTCTTTATCGGGGA
CTCCTTGGTT CAGCTAATGCACCAATGTGAGATCTGGCGGGAGCTCTTCTCACCTCTGCATGCACCTAAC
TTTGGCATTGGTGGTGACAGCACACAGCATGACTCTGGCGGCTTGAGAACGGGGAGCTGGAGCACATCC
GGCCCAAGATTGGTGGTCTGGGTGGGCACCAACAACCATAGCCACACAGCAGAACAAGTGACAGGTGG
CATCAAAGCCATCGTACAACCTGGTGAACAAGCTGCAGCCACAGGCACGGGTGGTTGTGCTGGGCCTGCTT
CCGAGAGGCCAGCACCCCAACCCACTTCGAGAGAAAAACCGACAGGTAACGAGCTGGTTCGGGCAGCAC
TGGCTGGCTACCCCGAGCCCACTTCTTAGATGCAGACCTGGGTTTGTGCATTCTGATGGCACCATAAG
TCACCATGACATGTATGATTACCTACACCTGAGCCGCCTGGGTACACACCTGTCTGCCGGGCCCTGCAC
TCCTTGCTTCTTCGTCTCTTGGCCCAAGATCAGGGCCAAGGCATCCCTCTGCCAGAGACAGCATCC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202799 protein sequence
Red=Cloning site Green=Tags(s)

MSGEGENPASKPTPVQDVQDGRWMSLHHRFVADSKDKEPEVVFVIGDSL VQLMHQCEIWRELF SPLHALN
 FGIGGDSTQHVLWRL ENGELEHIRPKIVVVVWGTTNNHSHTAEQVTGGIKAIVQLVNKLQPQARVVVLG LL
 PRGQHPNPLREKNRQVNELVRAALAGYPRAHFLDADPGFVHSDGTISHHDMYDYLHLSRLGYTPVCRALH
 SLLLRLLAQDQGGIPLPETAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_008776

ORF Size: 699 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:

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_008776.2](#)

RefSeq Size: 892 bp

RefSeq ORF: 699 bp

Locus ID: 18476

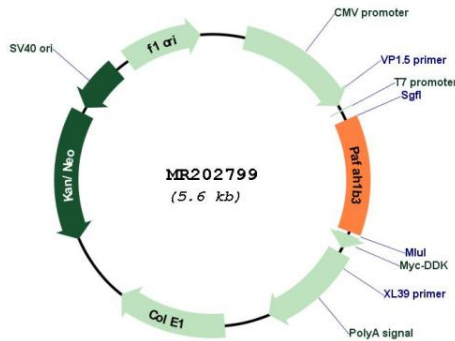
UniProt ID: [Q61205](#)

Cytogenetics: 7 A3

MW: 25.9 kDa

Gene Summary: Inactivates paf by removing the acetyl group at the sn-2 position. This is a catalytic subunit. Plays an important role during the development of brain.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202799