

Product datasheet for **MG202751**

Pafah1b2 (NM_008775) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pafah1b2 (NM_008775) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pafah1b2
Synonyms: A1747451; AU021353; mus[b]; Pafahb
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202751 representing NM_008775
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCAAGGAGACTCGAACCCAGCAGCTATTCCACATGCCGAGAAGATATTCAAGGAGATGACAGGT
 GGATGTCTCAGCATAATAGGTTTGTCTGGACTGTAAAGACAAAGAACCAGATGTGCTGTTTGTGGGGGA
 CTCCATGGTACAGCTAATGCAGCAGTACGAGATATGGCGGGAGCTGTTTTCCCCTTCATGCTCTTAAT
 TTTGGAATTGGGGGAGATAACACGACATGTTTTATGGCGACTAAAGAATGGAGAGCTGGAGAACATTA
 AGCCTAAGGTCATTGTTGTCTGGGTAGGACAAACAACCACGAAAATACAGCAGAAGAAGTAGCAGGTGG
 GATTGAGGCTATTGTACAACCTATAAACACGCGGACGCCACAGGCCAAGATCATTGTGCTGGGTCTGTTA
 CCTCGAGGTGAGAAGCCCAACCTTTAAGACAAAAGAATGCCAAGGTGAACCAGCTTCTCAAGGTTTCCC
 TGCCGAAGCTTGCCAATGTGCAGCTCCTTGATATAGACGGGGGCTTCGTGCACTCGGACGGTGCCATCTC
 CTGCCACGACATGTTGATTTTCTCATCTCACAGGAGGGGCTATGCAAAGATCTGCAAACCCCTCCAT
 GAACTGATCATGCAGTTGCTGGAGGAAACACCGGAGGAGAAGCAGACCACCATTGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202751 representing NM_008775
 Red=Cloning site Green=Tags(s)

MSQGDSNPAAIPHAAEDIQGDDRWSQHNRFLVDCKDKEPDVLFVGDMSVQLMQQYEIWRELF SPLHALN
 FGIGGDTTRHVLWRLKNGELENIKPKVI VVWVGTNNHENTAAEVAGGIEAIVQLINTRQPQAKIIVLGLL
 PRGEKPNPLRQKNAKVNQLLKVSLPKLANVQLLDIDGGFVHSDGAISCHDMFDLHLTG GGYAKICKPLH
 ELIMQLLEETPEEKQTTIA

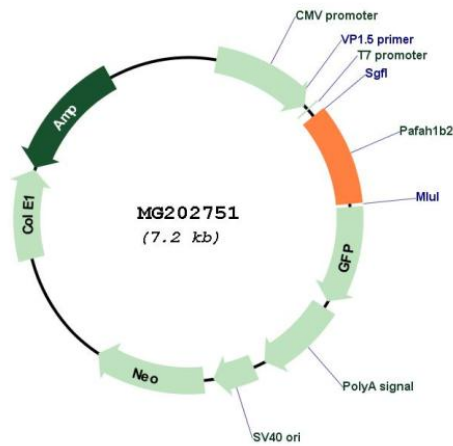
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_008775

ORF Size: 687 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_008775.3 , NP_032801.2
RefSeq Size:	4241 bp
RefSeq ORF:	690 bp
Locus ID:	18475
UniProt ID:	Q61206
Cytogenetics:	9 A5.2
Gene Summary:	Inactivates PAF by removing the acetyl group at the sn-2 position. This is a catalytic subunit. [UniProtKB/Swiss-Prot Function]