

Product datasheet for **SC328318**

PAFAH1B2 (NM_001184746) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAFAH1B2 (NM_001184746) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAFAH1B2
Synonyms:	HEL-S-303
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001184746, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGAGCCAAGGAGACTCAAACCCAGCAGCTATTCCGCATGCAGCAGAAGATATTCAAGGA GATGACCGATGGATGTCTCAGCACAACAGATTTGTTTTGGACTGTAAAGACAAAGAGCCT GATGTAAGTGTTCGTGGGAGACTCCATGGTGCAAGTAAATGCAGCAATATGAGATATGGCGA GAGCTTTTTTCCCACTTCATGCACTGAATTTTGAATTGGGGGAGATACAACAAGACAT GTTTTGTGGAGACTAAAGAATGGAGAACTGGAGAATATTAAGCCTAAGGTCATTGTTGTC TGGGTAGGAACAAATAACACGAAAATACAGCAGAAGAAGTAGCAGGTGGGATCGAGGCC ATTGTACAACCTTATCAACACAAGGCAGCCACAGGCCAAAATCATTGTATTGGGTAAAGCA GCCGCTCCAAATACTCTATCTCAGAGATAGTGAGACTAGAACAAGGGTCGGTAACTGG TCGATCGGGACCTATCCTGATGACACACCAGCACTACCAGGCCAGCAATATTACAATTA TTTACTGGCAAGATGAGCAGGATTACCATGAAAGAAAAGTCCAGATGGACTGAGGAAATC CTACACTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001184746
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.


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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_001184746.1, NP_001171675.1</u>
RefSeq Size:	1195 bp
RefSeq ORF:	609 bp
Locus ID:	5049
UniProt ID:	<u>P68402</u>
Cytogenetics:	11q23.3
Protein Pathways:	Ether lipid metabolism, Metabolic pathways
Gene Summary:	<p>Platelet-activating factor acetylhydrolase (PAFAH) inactivates platelet-activating factor (PAF) into acetate and LYSO-PAF. This gene encodes the beta subunit of PAFAH, the other subunits are alpha and gamma. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jan 2014]</p> <p>Transcript Variant: This variant (2) contains different segments for its 3' end, compared to variant 1. The resulting protein (isoform b) has a shorter and distinct C-terminus when it is compared to isoform a. This variant has also been called SpV-2 in PubMed ID: 18155631.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>