

Product datasheet for **SC328726**

PAFAH (PLA2G7) (NM_001168357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAFAH (PLA2G7) (NM_001168357) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLA2G7
Synonyms:	LDL-PLA2; LP-PLA2; PAFAD; PAFAH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001168357, the custom clone sequence may differ by one or more nucleotides

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ATGGTGCCACCCAAATTGCATGTGCTTTTCTGCCTCTGCGGCTGCCTGGCTGTGTTTAT
CCTTTTGACTGGCAATACATAAAATCCTGTTGCCATATGAAATCATCAGCATGGGTCAAC
AAAATACAAGTACTGATGGCTGTGCAAGCTTTGGCCAAACTAAAATCCCCGGGAAAT
GGGCTTATTCCGTTGGTTGTACAGACTTAATGTTTGATCACACTAATAAGGGCACCTTC
TTGCGTTTATATTATCCATCCCAAGATAATGATCGCCTTGACACCCTTTGGATCCCAAT
AAAGAATATTTTTGGGTCTTAGCAAATTTCTTGGAACACACTGGCTTATGGGCAACATT
TTGAGTTACTCTTTGGTTCAATGACAACCTCTGCAAACCTGGAATCCCCTCTGAGGCT
GGTGAAAAATATCCACTTGTGTTTTTCTCATGGTCTTGGGGCATTGAGGACACTTTAT
TCTGCTATTGGCATTGACCTGGCATCTCATGGGTTTATAGTTGCTGCTGTAGAACACAGA
GATAGATCTGCATCTGCAACTTACTATTTCAAGGACCAATCTGCTGCAGAAATAGGGGAC
AAGCTTTGGCTCTACCTTAGAACCTGAAACAAGAGGAGGAGACACATATACGAAATGAG
CAGGTACGGCAAAGAGCAAAAGAATGTTCCCAAGCTCTCAGTCTGATTCTTGACATTGAT
CATGGAAGCCAGTGAAGAATGCATTAGATTTAAAGTTTGATATGGAACAACCTGAAGGAC
TCTATTGATAGGGAAAAATAGCAGTAATTGGACATTCTTTTGGTGGAGCAACGGTTATT
CAGACTCTTAGTGAAGATCAGAGATTCAGATGTGGTATTGCCCTGGATGCATGGATGTTT
CCACTGGGTGATGAAGTATATCCAGAATTCCTCAGCCCCTCTTTTTATCAACTCTGAA
TATTTCCAATATCCTGCTAATATCATAAAAAATGAAAAATGCTACTCACCTGATAAAGAA
AGAAAGATGATTACAATCAGGGGTTTCAGTCCACCAGAATTTTGCTGACTTCACTTTTGCA
ACTGGCAAATAATTGGACACATGCTCAAATTAAGGGAGACATAGATTCAAATGTAGCT
ATTGATCTTAGCAACAAAGCTTCATTAGCATTCTTACAAAAGCATTTAGGACTTCATAAA
GATTTTGATCAGTGGGACTGCTTGATTGAAGGAGATGATGAGAATCTTATTCCAGGGACC
AACATTAACACAACCAATCAACACATCATGTTACAGAACTCTTCAGGAATAGAGAAATAC
AATTAG

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Restriction Sites: Please inquire



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ACCN:	NM_001168357
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.
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_001168357.1</u> , <u>NP_001161829.1</u>
RefSeq Size:	1789 bp
RefSeq ORF:	1326 bp
Locus ID:	7941
UniProt ID:	<u>Q13093</u>
Cytogenetics:	6p12.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Ether lipid metabolism, Metabolic pathways
Gene Summary:	<p>The protein encoded by this gene is a secreted enzyme that catalyzes the degradation of platelet-activating factor to biologically inactive products. Defects in this gene are a cause of platelet-activating factor acetylhydrolase deficiency. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.</p>