

Product datasheet for **SC200046**

PAFAH1B3 (NM_001145940) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAFAH1B3 (NM_001145940) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAFAH1B3
Synonyms:	PAFAHG
ACCN:	NM_001145940
Insert Size:	85 bp
Insert Sequence:	>SC200046 3'UTR clone of NM_001145940 The sequence shown below is from the reference sequence of NM_001145940. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGTGCTCCCCTGCTGGAGCCCGCACCC TA AGCATCCTGCTGCCTTCCACAACATTAAGTCTCCTTCC TCAGTGAAAAAAAAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001145940.1</u>



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Summary:

This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex functions in brain development. A translocation between this gene on chromosome 19 and the CDC-like kinase 2 gene on chromosome 1 has been observed, and was associated with cognitive disability, ataxia, and atrophy of the brain. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]

Locus ID:

5050

MW:

2.8