

Product datasheet for PH327227

PAFAH1B3 (NM_001145939) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PAFAH1B3 MS Standard C13 and N15-labeled recombinant protein (NP_001139411)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227227
Predicted MW:	25.7 kDa
Protein Sequence:	>RC227227 protein sequence Red=Cloning site Green=Tags(s) MSGEENPASKPTPVQDVQDGRWMSLHHRFVADSKDKEPEVVF IGDSLVLQMHQCEIWRELF SPLHALNF GIGGDGTQHVLWRENGELEHIRPKIVVWVGTNNHGHTAEQVTGGIKAI VQLVNERQPQARVVVLG LLLP RGQHPNPLREKNRQVNELVRAALAGHPRAHFLDADPGFVHSDGTISHHDMYDYLHL SRLGYTPVCRALHS LLLRLLAQDQGGAPLLEPAP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001139411
RefSeq Size:	1108
RefSeq ORF:	693
Synonyms:	PAFAHG
Locus ID:	5050
UniProt ID:	Q15102 , A0A024R0L6



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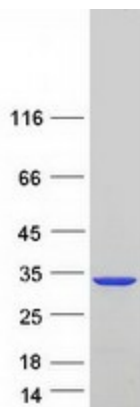
Cytogenetics: 19q13.2

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]

Protein Families: Druggable Genome

Protein Pathways: Ether lipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified PAFAH1B3 protein (Cat# [TP327227]). The protein was produced from HEK293T cells transfected with PAFAH1B3 cDNA clone (Cat# [RC227227]) using MegaTran 2.0 (Cat# [TT210002]).