

Product datasheet for PH300355

PAFAH2 (NM_000437) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PAFAH2 MS Standard C13 and N15-labeled recombinant protein (NP_000428)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200355
Predicted MW:	44 kDa
Protein Sequence:	>RC200355 protein sequence Red=Cloning site Green=Tags(s) MGVNQSVGFPPVTGPHLVGCGDVMEGQNLQGSFFRLFYPCQKAEETMEQPLWIPRYEYCTGLAEYLQFNK RCGGLLFNLAVGSCRLPVSWNGPFKTKDSGYPLIIFSHGLGAFRTLYSAFCMELASRGFVVAVPEHRDRS AATTYFCKQAPEENQPTNESLQEEWIPFRRVEEKEFEFHVNPQVHQVSECLRVLKILQEVTAGQTVFN ILPGGLDLMTLKGNIIDMSRVAVMGHSFGGATAILALAKETQFRCAVALDAMFPLERDFYPKARGPVFFI NTEKFQTMESVNLMKKICAQHEQSRIITVLGSVHRSQTDFAFVTGNLIGKFFSTETRGS�DPYEQQEMV RAMLAFLQKHLDLKEDYNQWNNLIEGIGPSLTPGAPHHLSSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_000428
RefSeq Size:	3581
RefSeq ORF:	1176
Synonyms:	HSD-PLA2
Locus ID:	5051



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UniProt ID: [Q99487](#)

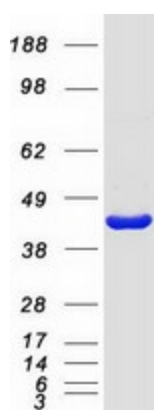
Cytogenetics: 1p36.11

Summary: This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). However, this lipase exhibits a broader substrate specificity than simply platelet activating factor. Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist, and both are multi-subunit enzymes. Additionally, there is a single-subunit serum isoform of this enzyme. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Ether lipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified PAFAH2 protein (Cat# [TP300355]). The protein was produced from HEK293T cells transfected with PAFAH2 cDNA clone (Cat# [RC200355]) using MegaTran 2.0 (Cat# [TT210002]).