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Product datasheet for AR51863PU-N

PAFAH2 (1-392, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PAFAH2 (1-392, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGVNQSV GFPPVTGPHL VGCGDVMEGQ NLQGSFFRLF YPCQKAEETM EQPLWIPRYE YCTGLAEYLQ FNKRCGGLLF NLAVGSCRLP VSWNGPFKTK DSGYPLIIFS HGLGAFRTLY SAFCMELASR GFVVAVPEHR DRSAATTYFC KQAPEENQPT NESLQEEWIP FRRVEEGEKE FHVRNPQVHQ RVSECLRVLK ILQEVTAGQT VFNILPGGLD LMTLKGNIDM SRVAVMGHSF GGATAILALA KETQFRCAVA LDAWMFPLER DFYPKARGPV FFINTEKFQT MESVNLMKKI CAQHEQSRII TVLGSVHRSQ TDFAFVTGNL IGKFFSTETR GSLDPYEGQE VMVRAMLAFL QKHLDLKEDY NQWNNLIEGI GPSLTPGAPH HLSSL
Tag:	His-tag
Predicted MW:	46.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000428
Locus ID:	5051
UniProt ID:	Q99487
Cytogenetics:	1p36.11
Synonyms:	HSD-PLA2

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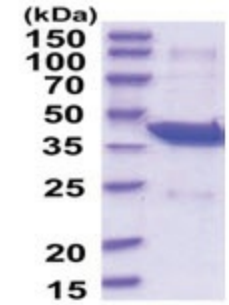
Summary: This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glyceryl-3-phosphorylcholine). However, this lipase 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:



15% SDS-PAGE (3ug)