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Product datasheet for AR50498PU-N

PAFAH1B3 (1-231, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PAFAH1B3 (1-231, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSGEENP ASKPTPVQDV QGDGRWMSLH HRFVADSKDK EPEVVFIGDS LVQLMHQCEI WRELFSPLHA LNFGIGGDGT QHVLWRLENG ELEHIRPKIV VVWVGTNNHG HTAEQVTGGI KAIVQLVNER QPQARVVVLG LLPRGQHPNP LREKNRQVNE LVRAALAGHP RAHFLDADPG FVHSDGTISH HDMYDYLHLS RLGYTPVCRA LHSLLLRLLA QDQGQGAPLL EPAP
Tag:	His-tag
Predicted MW:	28.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PAFAH1B3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_001139411
Locus ID:	5050
UniProt ID:	Q15102, A0A024R0L6
Cytogenetics:	19q13.2
Synonyms:	PAFAHG

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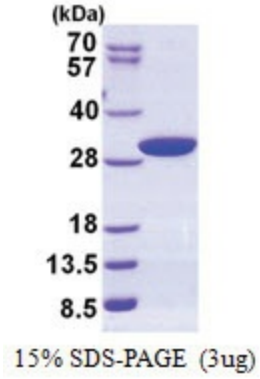
Summary: This gene encodes an acetylhydrolase that catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. The encoded enzyme is a subunit of the platelet-activating factor acetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits 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]

Protein Families: Druggable Genome

Protein Pathways: Ether lipid metabolism, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)