

Product datasheet for **TP301268L**

PAFAH1B3 (NM_002573) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa (PAFAH1B3), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201268 protein sequence
Red=Cloning site **Green**=Tags(s)

MSGEENPASKPTPVQDVQGDGRWMSLHHRFVADSKDKEPEVWFIGDSLVLQMLHQCEIWRELFSPHALNF
GIGGDGTQHVLWRENGELEHIRPKIVVWVGTNNHGHTAEQVTGGIKAIVQLVNERQPQARVVVLGLLP
RGQHNPPLREKNRQVNELVRAALAGHPRAHFLDADPGFVHSDGTISHHDMYDYLHLSRLGYTPVCRALHS
LLLRLLAQDQGGAPLLEPAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 25.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002564](#)

Locus ID: 5050



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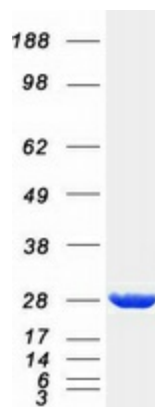
UniProt ID: [Q15102](#), [A0A024R0L6](#)
RefSeq Size: 1086
Cytogenetics: 19q13.2
RefSeq ORF: 693
Synonyms: PAFAHG

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# [TP301268]). The protein was produced from HEK293T cells transfected with PAFAH1B3 cDNA clone (Cat# [RC201268]) using MegaTran 2.0 (Cat# [TT210002]).