

## Product datasheet for **TP301268M**

### **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, 100 µg

**Species:** Human

**Expression Host:** HEK293T

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

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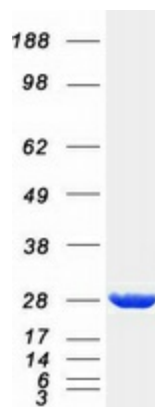
UniProt ID: [Q15102](#), [A0A024R0L6](#)  
RefSeq Size: 1086  
Cytogenetics: 19q13.2  
RefSeq ORF: 693  
Synonyms: PAFAHG

**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]).