

## Product datasheet for **TP300355L**

### PAFAH2 (NM\_000437) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human platelet-activating factor acetylhydrolase 2, 40kDa (PAFAH2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200355 protein sequence Red=Cloning site Green=Tags(s)

MGVNQSVGFPPVTGPHLVGCGDVMEGQNLQGSFFRLFYPCQKAEETMEQPLWIPRYEYCTGLAEYLQFNK  
RCGGLLFNLAVGSCRLPVSWNGPFKTKDSGYPLIIFSHGLGAFRTLYSAFCMELASRGFVAVPEHRDRS  
AATYFCKQAPEENQPTNESLQEEWIPFRRVEEKEFHVNRNPQVHQRVSECLRVLKILQEVTAGQTVFN  
ILPGGLDLMTLKGNDMSRVAVMGHSFGGATAILALAKETQFRCAVALDAWMFPLERDFYPKARGPVFFI  
NTEKFQTMESVNLMMKKAQHEQSRIITVLGSAVHRSQTDFAFVTGNLIGKFFSTETRGLSDPYEGQEVMM  
RAMLAFLQKHLDLKEDYNQWNNLIEGIGPSLTPGAPHHLSSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	43.9 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:	<a href="#">NP_000428</a>



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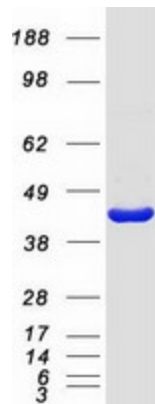
Locus ID: 5051  
UniProt ID: [Q99487](#)  
RefSeq Size: 3581  
Cytogenetics: 1p36.11  
RefSeq ORF: 1176  
Synonyms: HSD-PLA2

**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 PAF2H2 protein (Cat# [TP300355]). The protein was produced from HEK293T cells transfected with PAF2H2 cDNA clone (Cat# [RC200355]) using MegaTran 2.0 (Cat# [TT210002]).