

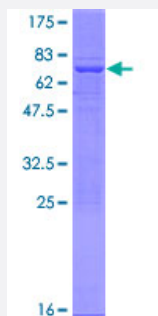
Full-Length

PAFAH2 (Human) Recombinant Protein (P01)

Catalog # H00005051-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human PAFAH2 full-length ORF (NP_000428.2, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGVNSQSVGFPPVTGPHLVGCGDVMGQNLQGSFFRLFYPCQKAEETMEQPLWIPRYEYCTGLA
EYLQFNKRCGGLLFNLAVGSCRLPVSWNGPFTKDSGYPLIFSHGLGAFRTLISAFCMELASRG
FVVAVPEHRDRSAATTYFCKQAPEENQPTNESLQEEWIPFRRVEEGEKEFHVRNPQVHQRVSE
CLRVLKILQEVTAGQTVFNILPGGLDLMTLKGNDMSRVAVMGHSFGGATAILALAKETQFRCAVAL
DAWMFPLERDFYPKARGPVFFINTEKFQTMESVNLMMKKAQHEQSRITVLGSHVRSQTDFAFVT
GNLIGKFFSTETRGSIDPYEGQEVMSRAMLAFLQKHLDLKDYNQWNNLIEGIGPSLTPGAPHHLS
SL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PAFAH2

Entrez GeneID [5051](#)

GeneBank Accession# [NM_000437.2](#)

Protein Accession# [NP_000428.2](#)

Gene Name PAFAH2

Gene Alias FLJ26025, HSD-PLA2

Gene Description platelet-activating factor acetylhydrolase 2, 40kDa

Omim ID [602344](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000008596|platelet-activating factor acetylhydrolase 2|platelet-activating factor acetylhydrolase 2 (40kD)

Pathway

- [Ether lipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Hypercholesterolemia](#)
- [Peripheral Vascular Diseases](#)