

Recombinant Human PAFAH2 protein, His-tagged

Cat. No. PAFAH2-6854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAFAH2 protein(165-392 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	165-392 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	WIPFRRVEEGEKEFHVRNPQVHQRVSECLRVLKILQEVTAGQTVFNILPGGLDLMTL KGNIDMSRVAVMGHSFGGATAILALAKETQFRCAVALDAWMFPLERDFYPKARGPV FFINTEKFQTMESVNLMMKKAQHEQSRIITVLGSVHRSQTDFAFVTGNLIGKFFSTET RGS LDPYEGQEVMVRAMLAF LQKHLDLKEDYNQWNNLIEGIGPSLTPGAPHHLSSL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

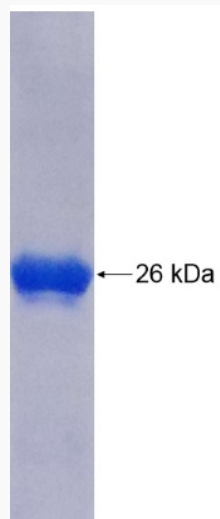
Gene Name	PAFAH2 platelet-activating factor acetylhydrolase 2, 40kDa [Homo sapiens]
Official Symbol	PAFAH2
Synonyms	PAFAH2; platelet-activating factor acetylhydrolase 2, 40kDa; platelet activating factor acetylhydrolase 2 (40kD); platelet-activating factor acetylhydrolase 2, cytoplasmic; HSD PLA2; SD-PLA2; serine-dependent phospholipase A2; HSD-PLA2; FLJ26025;
Gene ID	5051
mRNA Refseq	NM_000437
Protein Refseq	NP_000428
MIM	602344
UniProt ID	Q99487

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SDS-PAGE



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