

Recombinant Human PAFAH2 protein, His & T7-tagged

Cat. No. PAFAH2-2119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAFAH2 aa. (Met1~Leu392 (Accession # Q99487)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu392
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

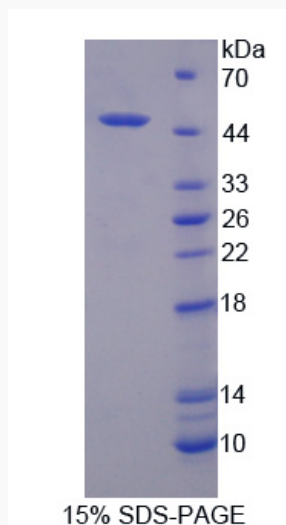
GENE INFORMATION

Gene Name	PAFAH2 platelet activating factor acetylhydrolase 2 [Homo sapiens (human)]
Official Symbol	PAFAH2
Synonyms	Glul; glutamate-ammonia ligase; Glns; glutamine synthetase; GS; Glutamine synthetase (glutamate-ammonia ligase); glutamate decarboxylase; glutamate-ammonia ligase (glutamine synthase); glutamate-ammonia ligase (glutamine synthetase); glutamine synthetase 1
Gene ID	5051
mRNA Refseq	NM_000437.3
Protein Refseq	NP_000428.2
UniProt ID	Q99487

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SDS-PAGE

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