

Recombinant human PAFAH2 protein

Catalog Number: ATGP3043

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-392aa

UniProt No.

Q99487

NCBI Accession No.

NP_000428

Alternative Names

Platelet-activating factor acetylhydrolase 2 cytoplasmic, Platelet-activating factor acetylhydrolase 2, cytoplasmic, HSD-PLA2

PRODUCT SPECIFICATION

Molecular Weight

46.4 kDa (415aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

PAFAH2 also known as platelet-activating factor acetylhydrolase 2, cytoplasmic. PAFAH2 has a marked selectivity for phospholipids with short acyl chains at the sn-2 position. It may share a common physiologic function with the plasma-type enzyme. Recombinant human PAFAH2 was expressed in E. coli and purified by using conventional chromatography techniques

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Amino acid Sequence

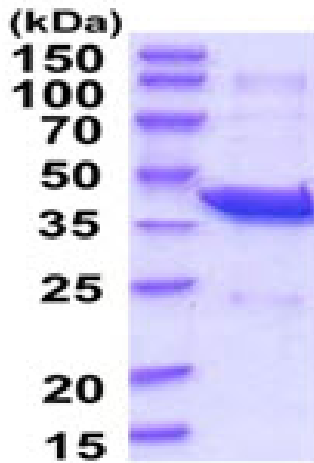
MGSSHHHHHH SSGLVPRGSH MGSMGVNQSV GFPPVTGPHL VGCGDVMEGQ NLQGSFFRLF YPCQKAEETM
EQPLWIPRYE YCTGLAEYLQ FNKRCGGLLF NLAVGSCRLP VSWNGPFKTK DSGYPLIIFS HGLGAFRTLY SAFCMELASR
GFVVAVPEHR DRSAATTYFC KQAPEENQPT NESLQEEWIP FRRVEEGEKE FHVRNPQVHQ RVSECLRVLK ILQEVTAGQT
VFNILPGGLD LMTLKGNDM SRVAVMGHSF GGATAILALA KETQFRCVA LDAWMFPLER DFYPKARGPV FFINTEKFQT
MESVNLMKKI CAQHEQSRII TVLGSVHRSQ TDFAFVTGNL IGKFFSTETR GSLDPYEGQE VMVRAMLAFK QKHLDLKEDY
NQWNNLIEGI GPSLTPGAPH HLSSL

General References

Gregory S.G., et al. (2006) Nature 441:315-321.
Hattori K., et al. (1996) J. Biol. Chem. 271:33032-33038.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)