Recombinant human PAFAH1B3 protein

Catalog Number: ATGP1674

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-231aa

UniProt No.
Q15102

NCBI Accession No.
NP_001139411

Alternative Names
Platelet-activating factor acetylhydrolase IB subunit gamma, PAFAHG, PAF-AH1b alpha 1 subunit

PRODUCT SPECIFICATION

Molecular Weight
28.2 kDa (254aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Purity
> 95% 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
PAFAH1B3 protein belongs to the 'GDSL' lipolytic enzyme family. Acetylhydrolase is catalyzes the removal of an acetyl group from the glycerol backbone of platelet-activating factor. PAFAH1B3 is a subunit of the platelet-activating factor cetylhydrolase isoform 1B complex, which consists of the catalytic beta and gamma subunits and the regulatory alpha subunit. This complex plays an important role during the development of brain. Recombinant human PAFAH1B3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

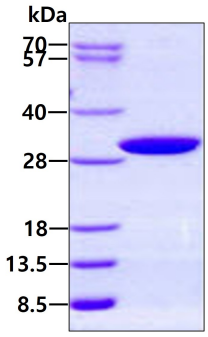
<MGSSHHHHHH SSGLVPRGSH MGS>MSGEENP ASKPTPVQDV QGDGRWMSLH HRFVADSKDK EPEVVFIGDS LVQLMHQCEI WRELFSPLHA LNFGIGGDGT QHVLWRLENG ELEHIRPKIV VVWVGTNNHG HTAEQVTGGI KAIVQLVNER QPQARVVVLG LLPRGQHPNP LREKNRQVNE LVRAALAGHP RAHFLDADPG FVHSDGTISH HDMYDYLHLS RLGYTPVCRA LHSLLLRLLA QDQGQGAPLL EPAP

General References

Moro F, et al. (1998) Genomics 51 (1): 157-9
TW, Li J, et al. (2001) Protein Eng. 14 (7): 513-9.

DATA

SDS-PAGE



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