

AR50498PU-N

Human PAFAH1B3 (1-231, His-tag) - Purified

Alternate names:

PAF acetylhydrolase 29 kDa subunit, PAFAH subunit gamma, PAFAHG, Platelet-activating factor acetylhydrolase 1B subunit gamma

Quantity:

0.5 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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 acetylhydrolase 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.

Uniprot ID:

[Q15102](#)

NCBI:

[NP_001139411.1](#)

GeneID:

[5050](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Description:

Recombinant human PAFAH1B3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMGSEENP ASKPTPVQDV QGDGRWMSLH HRFVADSKDK
EPEVVFIGDS LVQLMHQCEI WRELFSP LHA LNFGIGGDGT QHVLWRLENG ELEHIRPKIV
VWVGTTNNHG HTAEQVTGGI KAIVQLVNER QPQARVVVLG LLPRGQHPNP LREKNRQVNE
LVRAALAGHP RAHFLDADPG FVHSDGTISH HDMYDYLHLS RLGYTPVCRA LHSLLRLLLA
QDQGQGAPLL EPAP

Molecular weight: 28.2 kDa (254aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:

