## NKMAXBIO We support you, we believe in your research

### Recombinant human PAFAH1B3 protein

Catalog Number: ATGP1674

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-231aa

#### **UniProt No.**

015102

#### **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.



# NKMAXBio We support you, we believe in your research

### Recombinant human PAFAH1B3 protein

Catalog Number: ATGP1674

#### **Amino acid Sequence**

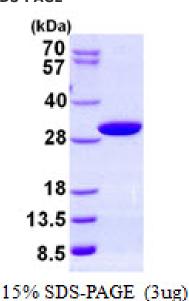
MGSSHHHHHH SSGLVPRGSH MGSMSGEENP ASKPTPVQDV QGDGRWMSLH HRFVADSKDK EPEVVFIGDS LVQLMHQCEI WRELFSPLHA LNFGIGGDGT QHVLWRLENG ELEHIRPKIV VVWVGTNNHG HTAEQVTGGI KAIVQLVNER QPQARVVVLG LLPRGQHPNP LREKNRQVNE LVRAALAGHP RAHFLDADPG FVHSDGTISH HDMYDYLHLS RLGYTPVCRA LHSLLLRLLA QDQGQGAPLL EPAP

#### **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.