

PAFAH1B3 Human

Description: PAFAH1B3 Human Recombinant produced in E. coli is a single polypeptide chain containing 254 amino acids (1-231) and having a molecular mass of 28.2 kDa. PAFAH1B3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: ENPS-648

For research use only.

Synonyms: Platelet-activating factor acetylhydrolase 1b catalytic subunit 3 (29kDa), PAF acetylhydrolase 29 kDa subunit, platelet-activating factor acetylhydrolase, isoform 1b gamma subunit (29kD), PAF-AH1b alpha 1 subunit, PAF-AH 29 kDa subunit, PAFAHG, PAFAH subu

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMGSEENP ASKPTPVQDV
QGDGRWMSLH HRFVADSKDK EPEVFIGDS LVQLMHQCEI WRELFSP LHA LNFGIGGDGT
QHVLWRLNG ELEHIRPKIV VVWVGTTNNHG HTAEQVTGGI KAIVQLVNER QPQARVVVLG
LLPRGQHPNP LREKNRQVNE LVRAALAGHP RAHFLDADPG FVHSDGTISH HDMYDYLHLS
RLGYTPVCRA LH

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

The PAFAH1B3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Platelet-activating Factor Acetylhydrolase 1b Catalytic Subunit 3 (PAFAH1B3) is a member of the 'GDSL' lipolytic enzyme family. Acetylhydrolase catalyzes the elimination of an acetyl group from the glycerol backbone of platelet-activating factor. PAFAH1B3, which is a subunit of the platelet-activating factor cetylhydrolase isoform 1B complex, is comprised of the catalytic beta and gamma subunits and the regulatory alpha subunit. The PAFAH1B3 complex has an imperative role during the development of brain.

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