

ABHD14B Human

Description: ABHD14B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (1-210) and having a molecular mass of 25.0kDa. ABHD14B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: ENPS-247

For research use only.

Synonyms: Abhydrolase domain containing protein 14B, CIB, CCG1-interacting factor B, cell cycle gene 1-interacting factor B, EC 3.1.11.6, EC 3.1.21.4.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMAASVE QREGTIQVQG
QALFFREALP GSGQARFSVL LLHGIRFSSE TWQNLGTLHR LAQAGYRAVA IDLPGLGHSK
EAAAPAPIGE LAPGSFLAAV VDALELGPPV VISPSLSGMY SLPFLTAPGS QLPGFVPVAP
ICTDKINAAN YASVKTPALI VYGDQDPMGQ TSFEHLKQLP NHRVLIMKGA GHPCYLDKPE
EWHTGLLDLFL QG

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

Formulation:

The ABHD14B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT 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:

ABHD14B is a member of the AB hydrolase superfamily. ABHD14B has an alpha/beta hydrolase fold - a catalytic domain found in a large number of enzymes. In molecular biology, the alpha/beta hydrolase fold is common to a number of hydrolytic enzymes of broad differing phylogenetic source and catalytic function. The Ab hydrolase domain containing gene subfamily includes 15 mostly uncharacterized members. ABHD14B has hydrolase activity with p-nitrophenyl butyrate (in vitro) and is able to activate transcription.

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