

AR50219PU-N**Human ABHD14B (1-210, His-tag) - Purified****Alternate names:**

Abhydrolase domain-containing protein 14B, CIB

Quantity:

50 µg

Concentration:

0.5mg/ml (determined by Bradford assay)

Background:

ABHD14B (abhydrolase domain containing 14B) belongs to the AB hydrolase superfamily. This protein contains an alpha/beta hydrolase fold, which is a catalytic domain found in a very wide range of enzymes. In molecular biology, the alpha/beta hydrolase fold is common to a number of hydrolytic enzymes of widely differing phylogenetic origin and catalytic function. The Ab hydrolase domain containing (ABHD) gene subfamily is comprised of 15 mostly uncharacterized members. ABHD14B has hydrolase activity towards p-nitrophenyl butyrate (in vitro). It may activate transcription.

Uniprot ID:[Q96IU4](#)**NCBI:**[NP_116139](#)**GeneID:**[84836](#)**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 1mM DTT, 10% glycerol, 100mM NaCl**Description:**

Recombinant human ABHD14B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAASVE QREGTIQVQG QALFFREALP GSGQARFSVL
LLHGIRFSSE TWQNLGTLHR LAQAGYRAVA IDLPGLGHSK EAAAPAPIGE LAPGSFLAAV
VDALELGPPV VISPSLSGMY SLPFLTAPGS QLPGFVVPVAP ICTDKINAAN YASVKTPALI
VYGDQDPMGQ TSFEHLKQLP NHRVLIMKGA GHPCYLDKPE EWHTGLLDLDFL QGLQ

Molecular weight: 25.0 kDa (234aa), 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.

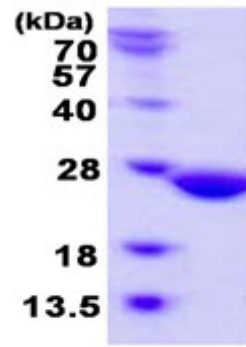
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Padmanabhan B., et al. (2004) J. Biol. Chem. 279:9615-9624 Holmquist, M. (2000) Curr. Protein Pept. Sci. 1: 209-235.

Pictures:



15% SDS-PAGE (3ug)