

OriGene Technologies, Inc.

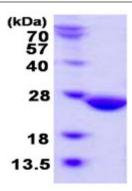
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AR50219PU-N Human ABHD14B (1-210, His-tag) - Purified

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:	<u>Q96IU4</u>
NCBI:	<u>NP_116139</u>
GenelD:	<u>84836</u>
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 MGSHMAASVE QREGTIQVQG QALFFREALP GSGQARFSVL LLHGIRFSSE TWQNLGTLHR LAQAGYRAVA IDLPGLGHSK EAAAPAPIGE LAPGSFLAAV VDALELGPPV VISPSLSGMY SLPFLTAPGS QLPGFVPVAP ICTDKINAAN YASVKTPALI VYGDQDPMGQ TSFEHLKQLP NHRVLIMKGA GHPCYLDKPE EWHTGLLDFL 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. 279:9615-9624Holmquist, M. (2000) Curr. Protein Pept. Sci. 1: 209-235.

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15% SDS-PAGE (3ug)

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