

Recombinant Human Dual Abhydrolase domain containing 14B, His-tagged

Cat. No. ABHD14B-1394H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ABHD14B protein, fused to His-tag atN-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	ABHD14B(abhydrolase domain containing 14B) belongs to the AB hydrolase superfamily. This protein contains an alpha/beta hydrolase fold, which is acatalytic 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl.
Molecular Weight	25 kDa(234aa), confirmed by MALDI-TOF.
Purity	> 95% by SDS-PAGE
Concentration	0.5mg/ml (determined by Bradford assay)

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of aminoacids

MGSSHHHHHSSGLVPRGSH MGSMAASVE QREGTIQVQG QALFFREALP
 GSGQARFSVL LLHGIRFSSETWQNLGTLHR LAQAGYRAVA IDLPGLGHSK
 EAAAPAPIGE LAPGSFLAAV VDALELGPPV VISPSLSGMYSLPFLTAPGS
 QLPGFVPVAP ICTDKINAAN YASVKTPALI VYGDQDPMGQ TSFEHLKQLP
 NHRVLIMKGAGHPCYLDKPE EWHTGLLDLFL QGLQ

Storage Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

nullValue_other Function hydrolaseactivity

GENE INFORMATION

Gene Name [ABHD14B](#)abhydrolase domain containing 14B [Homo sapiens]

Official Symbol [ABHD14B](#)

Synonyms ABHD14B; abhydrolase domaincontaining 14B; CIB; MGC15429; OTTHUMP00000212466; OTTHUMP00000212467; OTTHUMP00000212468;OTTHUMP00000212469; OTTHUMP00000219616; CCG1-interacting factor B; cell cyclegene 1-interacting factor B; Abhydrolase domain containing 14B; abhydrolasedomain-containing 14B; EC 3.1.11.6; EC 3.1.21.4

Gene ID [84836](#)

mRNA Refseq [NM_032750](#)

Protein Refseq [NP_116139](#)

UniProt ID Q96IU4

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Chromosome	3p21.2
Location	

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