

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 andpurified 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 ofwidely differing phylogenetic origin and catalytic function. The Ab hydrolase domain containing (ABHD) gene subfamily iscomprised of 15 mostly uncharacterized members. ABHD14B has hydrolaseactivity towards p-nitrophenyl butyrate (in vitro). It may activatetranscription.
Form	Liquid. In 20mMTris-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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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	ABHD14Babhydrolase 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	

Chromosome	3p21.2
Location	