

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)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Sequences of aminoacids	MGSSHHHHHSSGLVPRGSH MGSHMAASVE 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	

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