

# Recombinant Human Abhydrolase Domain Containing 10, His-tagged

**Cat. No.** ABHD10-2400H    **Lot. No.** (See product label)

## SPECIFICATION

|                                |                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>        | Recombinant humanABHD10 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography.                                                                                                                                                                                    |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>                  | E.coli                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>             | ABHD10, also knownas abhydrolase domain-containing protein 10, belongs to the AB hydrolasesuperfamily.                                                                                                                                                                                                                        |
| <b>Form</b>                    | 20mM Tris-HCl buffer(pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT                                                                                                                                                                                                                                                       |
| <b>Molecular Weight</b>        | 30.9 kDa (279aa),confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>                  | > 90% by SDS -PAGE                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>           | 1 mg/ml (determinedby Bradford assay)                                                                                                                                                                                                                                                                                         |
| <b>Sequences of aminoacids</b> | MGSSHHHHHHSSGLVPRGSH MGSHTSLSF LNRPDLPNLA YKKLK GKSPG<br>IIFIPGYLSY MNGTKALAIE EFCKSLGHACIRFDYSGVGS SDGNSEESTL<br>GKWRKDVLSI IDDLADGPQI LVGSSLGGWL MLHAAIARPE<br>KVVALIGVATAADTLVTKFN QLPVELKKEV EMKGVWSMPS KYSEEGVYNV<br>QYSFIKEAEH HCLLHSPIPV NCPIRLLHGMKDDIVPWHTS MQVADRVLST<br>DVDVILRKHS DHRMREKADI QLLVYTIDDL IDKLSTIVN |

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**Storage**

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

**GENE INFORMATION**
**Gene Name**

ABHD10 abhydrolase domaincontaining 10 [ Homo sapiens ]

**Official Symbol**

ABHD10

**Synonyms**

ABHD10;abhydrolase domain containing 10; Abhydrolase domain-containing protein 10,mitochondrial; FLJ11342; OTTHUMP00000214651; OTTHUMP00000214654; EC 3.4.-.

**Gene ID**

55347

**mRNA Refseq**

NM\_018394

**Protein Refseq**

NP\_060864

**UniProt ID**

Q9NUJ1

**Chromosome  
Location**

3q13.2

**Function**

peptidase activity; serine-type peptidaseactivity

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