Active Recombinant Human OTUD1, His-tagged

Cat. No. OTUD1-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OTUD1 CD(270-481), fused with N-terminal 6His, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	270-481 a.a.
Description	OTUD1 is a cysteine protease and is a member of the OTU superfamily of proteins (Balakirev et al., 2003). Cloning of the human gene was first described by Kayagaki et al. (2007).
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Bio-activity	Deubiquitylase Enzyme Assay: The activity of His-OTUD1 was validated by determining the increase in fluorescence measured as a result of the enzyme catalysed cleavage of the fluorogenic substrate Ubiquitin-Rhodamine110-Glycine generating Ubiquitin and Rhodamine110-Glycine. Incubation of the substrate in the presence or absence of His-OTUD1 was compared confirming the deubiquitylating activity of His-OTUD1.
Molecular Mass	~30kDa
Storage	12 months at -70℃; aliquot as required.

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Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	OTUD1 OTU domain containing 1 [Homo sapiens]
Official Symbol	OTUD1
Synonyms	DUBA7; OTDC1
Gene ID	220213
mRNA Refseq	NM_001145373.2
Protein Refseq	NP_001138845.1
MIM	612022
UniProt ID	Q5VV17
Chromosome Location	10p12.2

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