

## Recombinant Human Ubiquitin D, His-tagged

**Cat. No.** UBD-849H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human UBD protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 20.9 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-165aa
<b>Description</b>	UBD is an ubiquitin-like modifier of the ubiquitin protein family. UBD is an ubiquitin-like protein that can form covalent conjugates, thereby targeting proteins for degradation by the 26S proteasome. UBD has putative roles in regulation of cell cycle, innate immunity, and apoptosis. UBD is a TNF- $\alpha$ -inducible ubiquitin-like protein with a putative role in immune response.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT.
<b>Molecular Mass</b>	20.9 kDa (188aa), confirmed by MALDI-TOF.
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAPNASC LCVHVRSEEW DLMTFDANPY DSVKKIKEHV RSKTKVPVQD QVLLLGSKIL KPRRSLSSYG IDKEKTIHLT LKVVKPSDEE LPLFLVESGD EAKRHLLQVR RSSSVAQVKA MIETKTGIIP ETQIVTCNGK RLEDGKMMAD YGIRKGNLLF LACYCIGG

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<b>Purity</b>	>90% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	UBD ubiquitin D [ Homo sapiens ]
<b>Official Symbol</b>	UBD
<b>Synonyms</b>	UBD; ubiquitin D; FAT10; diubiquitin; ubiquitin-like protein FAT10; UBD-3; GABBR1;
<b>Gene ID</b>	<a href="#">10537</a>
<b>mRNA Refseq</b>	<a href="#">NM_006398</a>
<b>Protein Refseq</b>	<a href="#">NP_006389</a>
<b>MIM</b>	<a href="#">606050</a>
<b>UniProt ID</b>	<a href="#">O15205</a>
<b>Chromosome Location</b>	6p21.3
<b>Function</b>	proteasome binding; protein binding;

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