

Recombinant Human Ubiquitin D, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-165aa
Description	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- α -inducible ubiquitin-like protein with a putative role in immune response.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT.
Molecular Mass	20.9 kDa (188aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPNASC LCVHVRSEEW DLMTFDANPY DSVKKIKEHV RSKTKVPVQD QVLLLGSKIL KPRRSLSSYG IDKEKTIHLT LKVVKPSDEE LPLFLVESGD EAKRHLLQVR RSSSVAQVKA MIETKTGIIP ETQIVTCNGK RLEDGKMMAD YGIRKGNLLF LACYCIGG

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	UBD ubiquitin D [Homo sapiens]
Official Symbol	UBD
Synonyms	UBD; ubiquitin D; FAT10; diubiquitin; ubiquitin-like protein FAT10; UBD-3; GABBR1;
Gene ID	10537
mRNA Refseq	NM_006398
Protein Refseq	NP_006389
MIM	606050
UniProt ID	O15205
Chromosome Location	6p21.3
Function	proteasome binding; protein binding;

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