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Product datasheet for AR39150PU-N

Ubiquitin D (UBD) (1-165, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Ubiquitin D (UBD) (1-165, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPNASC LCVHVRSEEW DLMTFDANPY DSVKKIKEHV RSKTKVPVQD QVLLLGSKIL KPRRSLSSYG IDKEKTIHLT LKVVKPSDEE LPLFLVESGD EAKRHLLQVR RSSSVAQVKA MIETKTGIIP ETQIVTCNGK RLEDGKMMAD YGIRKGNLLF LACYCIGG
Tag:	His-tag
Predicted MW:	20.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liqud purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liqud purified protein
Protein Description:	Recombinant human UBD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006389
Locus ID:	10537
UniProt ID:	O15205, A0A1U9X8S6
Cytogenetics:	6p22.1
Synonyms:	FAT10; GABBR1; UBD-3

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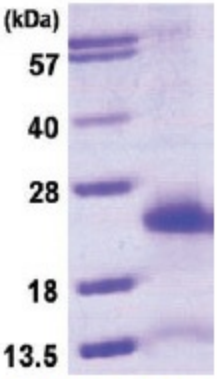
Summary: This gene encodes a protein which contains two ubiquitin-like domains and appears to have similar function to ubiquitin. Through covalent attachment, the encoded protein targets other proteins for 26S proteasome degradation. This protein has been implicated to function in many cellular processes, including caspase-dependent apoptosis, formation of aggresomes, mitotic regulation, and dendritic cell maturation. Upregulation of this gene may promote inflammation in chronic kidney disease and has been observed in many cancer types. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)