

Product datasheet for TP304431L

Ubiquitin D (UBD) (NM_006398) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin D (UBD), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204431 protein sequence Red =Cloning site Green =Tags(s)
	MAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLLLGSKILKPRRSLSSYGIDK EKTIHLTLKWKPSDEELPLFLVESGDEAKRHLLQVRRSSVAQVKAMIETKTGIIPETQIVTCNGKRL DGKMMADYGIRKGNLLFLACYCIGG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	18.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006389</u>
Locus ID:	10537
UniProt ID:	<u>O15205</u> , <u>A0A1U9X8S6</u>
RefSeq Size:	1006



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Cytogenetics: 6p22.1

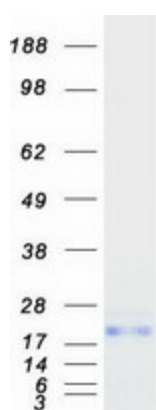
RefSeq ORF: 495

Synonyms: FAT10; GABBR1; UBD-3

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:



Coomassie blue staining of purified UBD protein (Cat# [TP304431]). The protein was produced from HEK293T cells transfected with UBD cDNA clone (Cat# [RC204431]) using MegaTran 2.0 (Cat# [TT210002]).