

Recombinant Human UBD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBD-2247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBD MS Standard C13 and N15-labeled recombinant protein (NP_006389) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	18.5 kDa
AA Sequence	MAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLLLGSKIL KPRRSLSSYGIDKEKTIHLTLKVVKPSDEELPLFLVESGDEAKRHLLQVRRSSSVAQV KAMIEKTKGIIPETQIVTCNGKRLEDGKMMADYGIRKGNLLFLACYCIGGTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

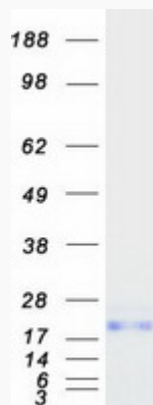
GENE INFORMATION

Gene Name	UBD ubiquitin D [Homo sapiens (human)]
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

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SDS-PAGE

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