Recombinant Human UBXN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBXN1-994H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBXN1 MS Standard C13 and N15-labeled recombinant protein (NP_056937) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Ubiquitin-binding protein that interacts with the BRCA1-BARD1 heterodimer, and regulates its activity. Specifically binds 'Lys-6'-linked polyubiquitin chains. Interaction with autoubiquitinated BRCA1, leads to inhibit the E3 ubiquitin-protein ligase activity of the BRCA1-BARD1 heterodimer. Component of a complex required to couple deglycosylation and proteasome-mediated degradation of misfolded proteins in the endoplasmic reticulum that are retrotranslocated in the cytosol.
Molecular Mass	35.1 kDa
AA Sequence	MAELTALESLIEMGFPRGRAEKALALTGNQGIEAAMDWLMEHEDDPDVDEPLETPL GHILGREPTSSEQGGLEGSGSAAGEGKPALSEEERQEQTKRMLELVAQKQREREE REEREALERERQRRRQGQELSAARQRLQEDEMRRAAEERRREKAEELAARQRVR EKIERDKAERAKKYGGSVGSQPPPVAPEPGPVPSSPSQEPPTKREYDQCRIQVRLP DGTSLTQTFRAREQLAAVRLYVELHRGEELGGGQDPVQLLSGFPRRAFSEADMER PLQELGMAARLETRTRNWGSREACLGKGGMQREGALTRTRPLEQKLISEEDLAAN DILDYKDDDDKV

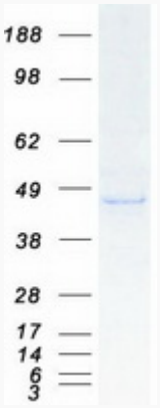
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	UBXN1 UBX domain protein 1 [Homo sapiens (human)]
Official Symbol	UBXN1
Synonyms	UBXN1; UBX domain protein 1; UBX domain-containing protein 1; 2B28; LOC51035; SAKS1; SAPK substrate protein 1; UBXD10; UBA/UBX 33.3 kDa protein;
Gene ID	51035
mRNA Refseq	NM_015853
Protein Refseq	NP_056937
MIM	616378
UniProt ID	Q04323

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SDS-PAGE	

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