

Recombinant Human UBE2J1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2J1-4945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2J1 MS Standard C13 and N15-labeled recombinant protein (NP_057105) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is located in the membrane of the endoplasmic reticulum (ER) and may contribute to quality control ER-associated degradation by the ubiquitin-proteasome system.
Molecular Mass	35 kDa
AA Sequence	METRYNLKSPAVKRLMKEAAELKDPTDHYHAQPLEDNLFWEHFTVRGPPDSDFDG GVYHGRIVLPPEYPMKPPSIILLTANGRFEVGKKICLSISGHHPETWQPSWSIRTALLA IIGFMPTKGEGAIGSLDYTPERRALAKKSQDFCCEGCGSAMKDVLLPLKSGSDSSQ ADQEAKELARQISFKAENVSSGKTISESDLNHSFSLTDLQDDIPTTFQGATASTSYGV QNSSAASFHQPTQPVAKNSTMSPRQRRRAQQSQRRRLSTSPDVIQGHQPRDNHTD HGGS AVLIVILTLALAALIFRRIYLANEYIFDFELTRTRPLEQKLISEEDLAANDILDYKD

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	DDDKV
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	UBE2J1 ubiquitin conjugating enzyme E2 J1 [Homo sapiens (human)]
Official Symbol	UBE2J1
Synonyms	UBE2J1; ubiquitin-conjugating enzyme E2, J1, U; ubiquitin conjugating enzyme E2, J1 (UBC6 homolog, yeast); ubiquitin-conjugating enzyme E2 J1; CGI 76; HSPC153; NCUBE1; UBC6; HSUBC6e; non-canonical ubiquitin-conjugating enzyme 1; yeast ubiquitin-conjugating enzyme UBC6 homolog E; ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast); Ubc6p; CGI-76; HSPC205; NCUBE-1; HSU93243; MGC12555;
Gene ID	51465
mRNA Refseq	NM_016021
Protein Refseq	NP_057105

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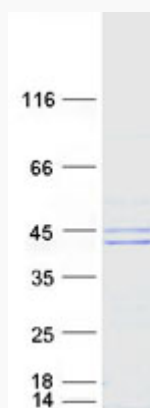
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MIM 616175

UniProt ID Q9Y385

SDS-PAGE



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