

Recombinant Human UBE2E1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2E1-174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2E1 MS Standard C13 and N15-labeled recombinant protein (NP_872607) 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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2011]
Molecular Mass	19.3 kDa
AA Sequence	MSDDDSRASTSSSSSSSNQQTEKETNTPKKKESKVSMSKNSKLLSTSAKSAGPKG DNIYEWIRSTILGPPGSVYEGGVFFLDITFTPEYFPKPPKVTFRTRIYHCNINSQGVICL DILKDNWSPALTISKVLLSICSLLTDCNPADPLVGSIAQTQYMTNRAEHDRLMARQWTK RYATTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

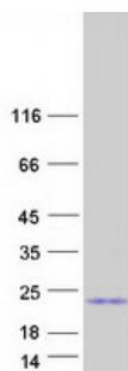
GENE INFORMATION

Gene Name	UBE2E1 ubiquitin conjugating enzyme E2 E1 [Homo sapiens (human)]
Official Symbol	UBE2E1
Synonyms	UBE2E1; ubiquitin conjugating enzyme E2 E1; UBCH6; ubiquitin-conjugating enzyme E2 E1; (E3-independent) E2 ubiquitin-conjugating enzyme E1; E2 ubiquitin-conjugating enzyme E1; ubiquitin carrier protein E1; ubiquitin conjugating enzyme E2E 1; ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5); ubiquitin-protein ligase E1; EC 2.3.2.23; EC 2.3.2.24
Gene ID	7324
mRNA Refseq	NM_182666
Protein Refseq	NP_872607
MIM	602916
UniProt ID	P51965

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SDS-PAGE

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