

Recombinant Human UBE2H Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2H-1325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2H MS Standard C13 and N15-labeled recombinant protein (NP_003335) 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. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Three alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.
Molecular Mass	20.7 kDa
AA Sequence	MSSPSPGKRRMDTDVVKLIESKHEVTILGGLNEFVVKFYGPQGTPYEGGVWVKVRVD LPDKYPFKSPSIGFMNKIFHPNIDEASGTVCLDVINQWTALYDLTNIFESFLPQLLAY PNPIDPLNGDAAAMYLHRPEEYKQKIQKEYIQKYATEEALKEQEEGTGDSSSESSMSD FSEDEAQDMELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

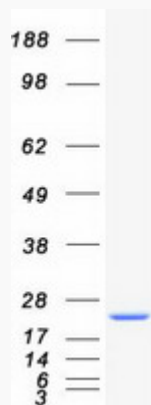
GENE INFORMATION

Gene Name	UBE2H ubiquitin-conjugating enzyme E2H [Homo sapiens (human)]
Official Symbol	UBE2H
Synonyms	UBE2H; ubiquitin-conjugating enzyme E2H; ubiquitin conjugating enzyme E2H (homologous to yeast UBC8), ubiquitin conjugating enzyme E2H (UBC8 homolog, yeast); ubiquitin-conjugating enzyme E2 H; UBC8; UBCH; ubiquitin-protein ligase H; ubiquitin carrier protein H; ubiquitin-conjugating enzyme E2-20K; ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast); ubiquitin-conjugating enzyme E2H (homologous to yeast UBC8); UBCH2; E2-20K;
Gene ID	7328
mRNA Refseq	NM_003344
Protein Refseq	NP_003335
MIM	601082
UniProt ID	P62256

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SDS-PAGE

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