

Recombinant Human UBE2N Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2N-1221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2N MS Standard C13 and N15-labeled recombinant protein (NP_003339) 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. Studies in mouse suggest that this protein plays a role in DNA postreplication repair.
Molecular Mass	17.1 kDa
AA Sequence	MAGLPRIIKETQRLLAEPVPGIKAEPDESNARYFHVVIAGPQDSPFEGGTFKLELFL PEEYPMAAPKVRFMTKIYHPNVDKLGRICLDILKDKWSPALQIRTVLLSIQALLSAPNP DDPLANDVAEQWKTNEAQAIETARAWTRLYAMNNITRTRPLEQKLISEEDLAANDIL DYKDDDDKV
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

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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 UBE2N ubiquitin-conjugating enzyme E2N [Homo sapiens (human)]

Official Symbol UBE2N

Synonyms UBE2N; ubiquitin-conjugating enzyme E2N; ubiquitin conjugating enzyme E2N (homologous to yeast UBC13), ubiquitin conjugating enzyme E2N (UBC13 homolog, yeast); ubiquitin-conjugating enzyme E2 N; MGC8489; UBC13; UbcH ben; yeast UBC13 homolog; ubiquitin-protein ligase N; ubiquitin carrier protein N; bendless-like ubiquitin conjugating enzyme; bendless-like ubiquitin-conjugating enzyme; ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast); ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13); UbcH-ben; MGC131857;

Gene ID 7334

mRNA Refseq NM_003348

Protein Refseq NP_003339

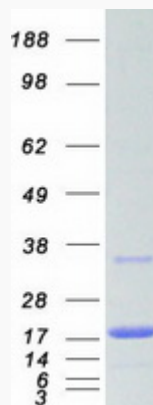
MIM 603679

UniProt ID P61088

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SDS-PAGE

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