

Product datasheet for **TP301792L**

UBE2N (NM_003348) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) (UBE2N), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201792 protein sequence Red =Cloning site Green =Tags(s)

MAGLPRRIKETQRLLAEPVPGIKAEPDESNARYFHWIAGPQDSPFEGGTFKLELFLPEEYPMAPKVR
FMTKIYHPNVDKLGRIKLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKTNEAQAIETA
RAWTRLYAMNNI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	17 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_003339</u>
Locus ID:	7334
UniProt ID:	<u>P61088</u> , <u>V9HW41</u>



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RefSeq Size: 2568

Cytogenetics: 12q22

RefSeq ORF: 456

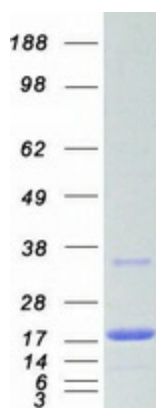
Synonyms: HEL-S-71; UBC13; Ubch-ben; Ubch13; UBCHBEN

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2N protein (Cat# [TP301792]). The protein was produced from HEK293T cells transfected with UBE2N cDNA clone (Cat# [RC201792]) using MegaTran 2.0 (Cat# [TT210002]).