

Recombinant Full Length Human UBE2N, N His-tagged

Cat. No. UBE2N-62H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBE2N protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-152 a.a.
Description	UBE2N, also known as UBC13, is a member of the E2 ubiquitin-conjugating enzyme family. It catalyzes the ATP-dependent synthesis of non-canonical polyubiquitin chains, a process that does not lead to proteasomal degradation. It mediates the transcription of several target genes and is thought to play a role in cell cycle progression; cellular differentiation and DNA repair mechanisms that ensure cell survival after DNA damage.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	19.3 kDa(172aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MAGLPRIIK ETQRLLAEPV PGIKAEPDES

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

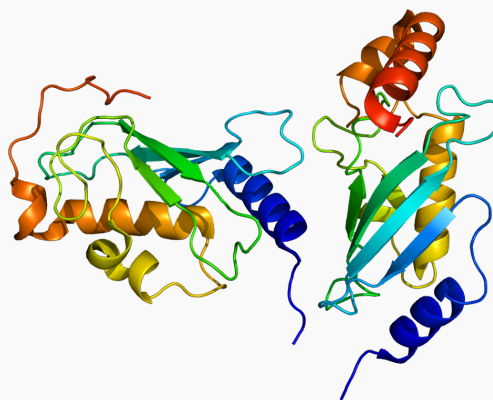
acids	NARYFHVVIA GPQDSPFEGG TFKLELFLPE EYPMAAPKVRFMTKIYHPNV DKLGRICLDI LKDKWSPALQ IRTVLLSIQA LLSAPNPDDP LANDVAEQWK TNEAQAIETA RAWTRLYAMN NI
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	UBE2N ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast) [Homo sapiens]
Synonyms	ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast); UBC13; MGC8489; UbcH-ben; MGC131857; UBE2N; ubiquitin-conjugating enzyme E2 N; yeast UBC13 homolog; ubiquitin-protein ligase N; ubiquitin carrier protein N; bendless-like ubiquitin conjugating enzyme; ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13); bendless-like ubiquitin-conjugating enzyme; EC=6.3.2.19
Gene ID	7334
mRNA Refseq	NM_003348
Protein Refseq	NP_003339
MIM	603679
UniProt ID	P61088
Chromosome Location	12q22
Function	ATP binding; ligase activity; nucleotide binding; protein binding; ubiquitin binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ubiquitin-protein ligase activity



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA