

Active Recombinant Human UBE2N Protein, His-tagged

Cat. No. UBE2N-650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2N(2-end) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-152 a.a.
Description	UBE2N (UBC13) or ubiquitin-conjugating enzyme E2N is a member of the E2 ubiquitin-conjugating enzyme family which plays a role in DNA post-replication repair. UBE2N gene encodes a novel human E2 that may be involved in protein degradation in the muscles and testis. UBE2N plays a role in initiation of homologous recombination during double-strand break repair. UBE2N activity may have therapeutic uses in controlling inflammatory responses and it is also important in the induction of immune responses.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Bio-activity	9 nmol/min/mg
Molecular Mass	18 kDa
Purity	>95%

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Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml
GENE INFORMATION	
Gene Name	UBE2N ubiquitin-conjugating enzyme E2N [Homo sapiens]
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

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UniProt ID

P61088

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