

## Recombinant Human UBE2B Protein, His-tagged

Cat. No. UBE2B-615H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2B fused with His tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution.
<b>Form</b>	Supplied as a 0.2 $\mu$ M filtered solution of 25mM Tris, pH 7.5
<b>Molecular Mass</b>	18.3kD
<b>AA Sequence</b>	MSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGTFKLV IEFS EEYPNKPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLD EPNPNS PANSQAAQLYQENKREYEKRVSAIVEQSWNDSLDHHHHHH
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

## GENE INFORMATION

**Gene Name** UBE2B ubiquitin-conjugating enzyme E2B [ Homo sapiens ]

**Official Symbol** UBE2B

**Synonyms** UBE2B; ubiquitin-conjugating enzyme E2B; ubiquitin conjugating enzyme E2B (RAD6 homolog); ubiquitin-conjugating enzyme E2 B; HHR6B; RAD6B; UBC2; E2 protein; RAD6 homolog B; ubiquitin-protein ligase B; ubiquitin carrier protein B; ubiquitin-conjugating enzyme E2-17 kDa; ubiquitin-conjugating enzyme E2B (RAD6 homolog); HR6B; E2-17kDa;

**Gene ID** 7320

**mRNA Refseq** NM\_003337

**Protein Refseq** NP\_003328

**MIM** 179095

**UniProt ID** P63146

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