Recombinant Human UBE2B Protein

Cat. No. UBE2B-616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2B was expressed in E. coli.
Species	Human
Source	E.coli
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. 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.
Form	Supplied as a 0.2 μM filtered solution of 10mM HEPES, pH 7.5
Molecular Mass	17.5kD
AA Sequence	GSHMSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGT FKLVIEFSEEYPNKPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQS LLDEPNPNSPANSQAAQLYQENKREYEKRVSAIVEQSWNDS
Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).

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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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