

Active Recombinant Human UBE2B Protein, His-tagged

Cat. No. UBE2B-531H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2B (Accession # NP_003328), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μ M) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
Bio-activity	Recombinant Human His6-HR6B/UBE2B is a member of the Ubiquitin-conjugating (E2) enzyme family that receives Ubiquitin from a Ubiquitin-activating (E1) enzyme and subsequently interacts with a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-HR6B/UBE2B concentration of 0.1-1 μ M.
Molecular Mass	Recombinant Human UBE2B, His-tagged has a calculated MW of 19 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	5q31.1

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