

Recombinant Human UBE2B

Catalog No: C862

Description	Recombinant Human Ubiquitin-Conjugating Enzyme E2 B is produced by our Mammalian expression system and the target gene encoding Met1-Ser152 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Ubiquitin-Conjugating Enzyme E2 B; RAD6 Homolog B; HR6B; hHR6B; Ubiquitin Carrier Protein B; Ubiquitin-Conjugating Enzyme E2-17 kDa; Ubiquitin-Protein Ligase B; UBE2B; RAD6B
Accession No.	P63146
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.2. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid Sequence	MSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGTFKLVEIFSEEYPNKPPTVR FLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANQAALYQENKREYKRVSAI VEQSWNDSLDHHHHHH
Background	Ubiquitin-Conjugating Enzyme E2 B (UBE2B) is a member of the ubiquitin-conjugating enzyme family. UBE2B accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. It is shown that UBE2B interacts with RAD18, UBR2, and WAC. UBE2B is required for post-replicative DNA damage repair. Additionally, UBE2B plays a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

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