

## Ubiquitin Conjugating Enzyme E2B Human Recombinant

<b>Item Number</b>	rAP-2080
<b>Synonyms</b>	Ubiquitin-conjugating enzyme E2 B, EC 6.3.2.19, Ubiquitin-protein ligase B, Ubiquitin carrier protein B, HR6B, hHR6B, E2-17 kDa UBC2, HHR6B, RAD6B, E2-17kDa, UBE2B.
<b>Description</b>	Ubiquitin Conjugating Enzyme E2B Human Recombinant produced in E.coli is a 19 kDa protein containing 166 amino acids. The UE2B protein contains 6xHis tag and is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P63146
<b>Amino Acid Sequence</b>	MHHHHHHAMGQLRSMSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVI-FGPEGTPFEDGTFKLVIEFSEEYPNKPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANSQAAQLYQENKREYEKRVSAIVEQSWNDS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered white lyophilized powder. Lyophilized UBE2B although stable at room temperature for 3 weeks, should be stored desiccated below -18&deg;C. Upon reconstitution UBE2B should be stored at 4&deg;C between 2-7 days and for future use below -18&deg;C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Lyophilized from a 0.2µm filtered concentrated (1 mg/ml) solution in 1X PBS and 1mM DTT, pH 7.5. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized UBE2B in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**