

## UBE2B Protein, Human, Recombinant (His)

## General Information

Synonyms:	Ubiquitin-Conjugating Enzyme E2 B;hHR6B;Ubiquitin-Conjugating Enzyme E2-17 kDa;RAD6 Homolog B;HR6B;RAD6B;Ubiquitin Carrier Protein B;UBE2B;Ubiquitin-Protein Ligase B
Protein Construction:	Met1-Ser152
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P63146
Molecular Weight:	17 KDa (reducing condition)
AA Sequence:	Met1-Ser152

## QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

## Preparation and Storage

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

*Actual storage temperature shall be subject to the COA.*

## Shipping:

Proteins are shipped with blue ice.

## Protein 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. Additional, UBE2B plays a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

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