

## UBE2R2 Protein, Human, Recombinant (His)

### General Information

Synonyms:	UBC3B;Ubiquitin-Conjugating Enzyme E2-CDC34B;CDC34B;Ubiquitin-Conjugating Enzyme E2 R2;Ubiquitin-Protein Ligase R2;UBE2R2;Ubiquitin Carrier Protein R2
Protein Construction:	Met1-Ser238
Species:	Human
Expression Host:	E. coli
Accession:	Q712K3
Molecular Weight:	37 KDa (reducing condition)
AA Sequence:	Met1-Ser238

### 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 90% 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 50 mM HEPES, 150 mM NaCl, pH 7.5.

### Preparation and Storage

#### Stability & 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 R2 (UBE2R2) is a modification enzyme that belongs to the ubiquitin-conjugating enzyme family. UBE2R2 is involved in cell growth and transformation. It accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, UBE2R2 catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination. It may be involved in degradation of katenin.

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