



# Recombinant Protein Technical Manual

## Recombinant Human UBE2R2/UBC3B Protein (His Tag)

RPES2104

### Product Data:

**Product SKU:** RPES2104

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q712K3

### Protein Information:

**Molecular Mass:** 29.3 kDa

**AP Molecular Mass:** 37 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Ubiquitin-Conjugating Enzyme E2 R2; Ubiquitin Carrier Protein R2; Ubiquitin-Conjugating Enzyme E2-CDC34B; Ubiquitin-Protein Ligase R2; UBE2R2; CDC34B; UBC3B

## Immunogen Information:

**Sequence:** Met 1-Ser238

## 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.