



Recombinant Protein Technical Manual
Recombinant Human UBE2B/HR6B Protein (His Tag)
RPES1961

Product Data:

Product SKU: RPES1961

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P63146

Protein Information:

Molecular Mass: 18.3 kDa

AP Molecular Mass: 17 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % 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 20mM PB, 150mM NaCl, pH7.2.

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

Application:

Synonyms: Ubiquitin-Conjugating Enzyme E2 B; RAD6 Homolog B; HR6B; hHR6B; Ubiquitin Carrier Protein B; Ubiquitin-Conjugating Enzyme E27 kDa; Ubiquitin-Protein Ligase B; UBE2B; RAD6B

Immunogen Information:

Sequence: Met 1-Ser152

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.