



Recombinant Protein Technical Manual

Recombinant Human UBE2D3 Protein

RPES2002

Product Data:

Product SKU: RPES2002

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P61077

Protein Information:

Molecular Mass: 16.6 kDa

AP Molecular Mass: 15&30 kDa

Tag:

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, 2mM DTT,10% glycerol, pH 7.5.

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

Application:

Synonyms: Ubiquitin-conjugating enzyme E2 D3; Ubiquitin carrier protein D3; Ubiquitin-conjugating enzyme E2(17)KB 3; Ubiquitin-conjugating enzyme E27 kDa 3; Ubiquitin-protein ligase D3; UBE2D3 and UBCH5C.

Immunogen Information:

Sequence: Met 1-Met 147

Background:

UBE2D3 is an enzyme that belongs to the ubiquitin-conjugating enzyme family. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase.