

## 32-2883: UBE2D2 Recombinant Protein

**Alternative Name :** ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC4/5), UBC4, Ubiquitin carrier protein D2, Ubiquitin-conjugating enzyme E2-17 kDa 2, Ubiquitin-protein ligase D2, UBCH5B, EC 6.3.2.19, E2(17)KB2, PUBC1, UBC4/5, UBC5B, UBCH4.

### Description

Source : E.coli. UBE2D2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-147) and having a molecular mass of 18.9 kDa. The UBE2D2 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. UBE2D2 belongs to the E2 ubiquitin-conjugating enzyme family. UBE2D2 takes part in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. UBE2D2 catalyzes ubiquitination of I $\kappa$ B-alpha in a SCFB-TRCP and phosphorylation dependent method.

### Product Info

**Amount :** 20  $\mu$ g  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The UBE2D2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MALKRIHKEL NDLARDPPAQ CSAGPVGDDM FHWQATIMGP  
NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT TRIYHPNINS NGSICLDILR SQWSPALTIS  
KVLISICSL CDPNPDDPLV PEIARIYKTD REKYNRIARE WTQKYAM

