

Product information

UBE2D2, 1-147 aa

Human, His-tagged, Recombinant, *E.coli*

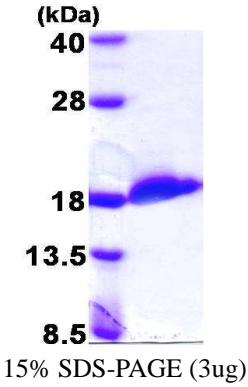
Cat. No. IBATGP1147

Full name: Ubiquitin-conjugating enzyme E2 D2

NCBI Accession No.: NP_003330

Synonyms: E2(17)KB2, PUBC1, UBC4, UBC4/5, UBCH5B.

Description: UBE2D2 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. UBE2D2 catalyzes ubiquitination of IκB-α in a phosphorylation and SCFB-TRCP dependent manner. Recombinant human UBE2D2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.</p> <p>Molecular Weight: 18.9 kDa (167aa), confirmed by MALDI-TOF</p> <p>Purity: > 95 % by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MALKRIHKEL NDLARDPPAQ CSAGPVGDDM FHWQATIMGP NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT TRIYHPNINS NGSICLDILR SQWSPALTIS KVLLSICSL L CDPNPDDPLV PEIARIYKTD REKYNRIARE WTQKYAM</p>	

General references:

Ciechanover A., *et al.* (1994) *FASEB J.* 8(2):182-19.

Orian A., *et al.* (1995) *J Biol Chem.* 270(37):21707-14.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.