

UBE2D2, 1-147aa, Human, His tag, E.coli

Cat.NO.: TP04379

3th Edition

Synonyms: Ubiquitin-conjugating enzyme E2 D2, 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 I κ B-alpha 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.

Form: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

Molecular Weight: 18.9 kDa (167aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMALKRIHKELNDLARDPPAQCSAGPVGDDMFHWQATIMGPNDSPYQGGVFFLTI
HFPTDYPFKPPKVAFTTRIIYHPNINSNGSICLDILRSQWSPALTISKVLLSICSLLCDPNPDDPLVPEIARIYKTDREKY
NRIAREWTQKYAM

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.