

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11

info-de@origene.com

AR39087PU-L Human UBE2D2 (1-147, His-tag) - Purified

E2(17)KB 2, UBC4, UBCH5B, Ubiquitin carrier protein D2, Ubiquitin-conjugating Alternate names:

enzyme E2 D2, Ubiquitin-conjugating enzyme E2-17 kDa 2, Ubiquitin-protein ligase D2

Quantity: 0.5 mg

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

Background: 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 IkB-alpha in a

phosphorylation and SCFB-TRCP dependent manner.

Uniprot ID: P62837 NCBI: NP 003330

GeneID: 7322 **Species:** Human Source: F. coli

Format: State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M

Description: Recombinant human UBE2D2 protein, fused to His-tag at N-terminus, was expressed

in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MALKRIHKEL NDLARDPPAQ CSAGPVGDDM FHWQATIMGP NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT TRIYHPNINS NGSICLDILR SQWSPALTIS

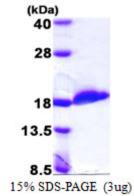
KVLLSICSLL CDPNPDDPLV PEIARIYKTD REKYNRIARE WTQKYAM Molecular weight: 18.9 kDa (167aa), confirmed by MALDI-TOF

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for Storage:

Avoid repeated freezing and thawing. Shelf life: one year from despatch.







Recombinant human UBE2D2, 1-147 aa, His-tagged

