

## UBE2D2 recombinant protein

UBE2D2, 1-147aa, Human, E Coli

|                              |                       |                                 |
|------------------------------|-----------------------|---------------------------------|
| CATALOG #<br><b>AAA48969</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>SDS-Page</b> |
|------------------------------|-----------------------|---------------------------------|

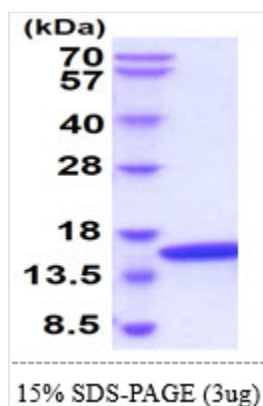
### PRODUCT SYNONYMS

UBE2D2; 1-147aa; Human; E Coli; Ubiquitin-conjugating enzyme E2 D2 isoform1; E2 (17)KB2; PUBC1; UBC4; UBC4/5; UBCH4; UBCH5B; UBE2D2 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                                     |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | E Coli                                                                                                                                                              |
| Purity/Purification                                    | > 95% by SDS-PAGE                                                                                                                                                   |
| Form/Format                                            | Liquid. In 20mM MES (pH 6.0) containing 50mM NaCl, 1mM DTT                                                                                                          |
| Concentration                                          | 0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)                                                                                                       |
| Sequence                                               | MALKRIHKEL NDLARDPPAQ CSAGPVGDDM FHWQATIMGP NDSPYQGGVF FLTIHFPTDY PFKPPKVAFT<br>TRIYHPNINS NGSICLDILR SQWSPALTIS KVLLSICSL CDPNPDDPLV PEIARIYKTD REKYNRIARE WTQKYAM |
| Sequence Length                                        | 147                                                                                                                                                                 |
| Applicable Applications for UBE2D2 recombinant protein | SDS-PAGE                                                                                                                                                            |
| Antigen Species                                        | Human                                                                                                                                                               |
| Preparation and Storage                                | Can be stored at 4°C short term (1-2 weeks).<br>For long term storage, aliquot and store at -20°C or -70°C.<br>Avoid repeated freezing and thawing cycles.          |

### IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UBE2D2 recombinant protein | UBE2D2, also known as Ubiquitin-conjugating enzyme E2 D2, 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-alpha in a phosphorylation and SCFB-TRCP dependent manner. Recombinant human UBE2D2 protein was expressed in E Coli and purified by using conventional chromatography techniques. |
| Product Categories/Family for UBE2D2 recombinant protein   | Ubiquitination                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| References                                                 | Ciechanover A., et al. (1994) FASEB J. 8 (2):182-91.; Orian A., et al. (1995) J Biol Chem. 270 (37):21707-14.                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 4507775                                       |
| NCBI GeneID                      | 7322                                          |
| NCBI Accession #                 | NP_003330                                     |
| NCBI GenBank Nucleotide #        | NM_003339.2                                   |
| UniProt Accession #              | P62837; P51669; Q3MN78; Q96RP6; D3DQC9        |
| Molecular Weight                 | 16.7 kDa (147aa) Confirmed by MALDI-TOF       |
| NCBI Official Full Name          | ubiquitin-conjugating enzyme E2 D2 isoform 1  |
| NCBI Official Synonym Full Names | ubiquitin conjugating enzyme E2 D2            |
| NCBI Official Symbol             | UBE2D2                                        |
| NCBI Official Synonym Symbols    | UBC4; PUBC1; UBCH4; UBC4/5; UBCH5B; E2(17)KB2 |
| NCBI Protein Information         | ubiquitin-conjugating enzyme E2 D2            |
| UniProt Protein Name             | Ubiquitin-conjugating enzyme E2 D2            |
| UniProt Gene Name                | UBE2D2                                        |
| UniProt Synonym Gene Names       | PUBC1; UBC4; UBC5B; UBCH4; UBCH5B             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ube2d2-recombinant-protein-e-coli-sds-page/48969>