

## UBE2R2 recombinant protein

Recombinant UBE2R2 protein

|                              |                       |
|------------------------------|-----------------------|
| CATALOG #<br><b>AAA60396</b> | HOST<br><b>E coli</b> |
|------------------------------|-----------------------|

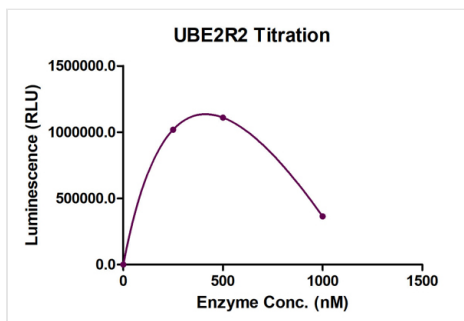
### PRODUCT SYNONYMS

UBE2R2; Recombinant UBE2R2 protein; Ubiquitin conjugating enzyme E2 R2; CDC34B; E2-CDC34B; UBC3B; UBE2R2 recombinant protein

### PRODUCT SPECIFICATIONS

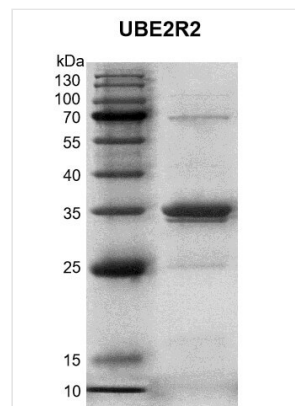
|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E coli                                                                                                                                                                                                      |
| Purity/Purification     | >=85% by SDS-PAGE.                                                                                                                                                                                          |
| Form/Format             | Recombinant UBE2R2 protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.                                                                                                            |
| Protein Species         | Human                                                                                                                                                                                                       |
| Protein Details         | Recombinant UBE2R2 protein that includes full length of human UBE2R2 protein (accession number NP_060281.2) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 29.33kDa. |
| Preparation and Storage | Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.                |

### IMAGES



#### Application Data

AMP-Glo assay for UBE2R2 activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2R2 in 10ul reaction system containing 40 mM Tris-HCl pH 7.4, 20 mM MgCl<sub>2</sub>, 0.5 mM DTT, 0.1 mg/ml BSA at 37° for 1 hour. 10ul of AMP-Glo Reagent I was added to the reaction and incubated for 1 hour at room temperature. Then 20ul of AMP-Glo Detection Solution was added and luminescence was read after another 30 min incubation.



#### SDS-PAGE

Recombinant UBE2R2 protein gel. UBE2R2 protein was run on a 12.5% SDS-PAGE gel and stained with Coomassie Blue. MW: 29.33kDa Purity: >85%

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UBE2R2 recombinant protein | UBE2R2 (Ubiquitin-conjugating enzyme E2 R2) also known as CDC34B, E2-CDC34B and UBC3B. UBE2R2 is a member of the E2 ubiquitin-conjugating enzyme family which is required for post-replicative DNA damage repair and plays an important role in various cellular processes. UBE2R2 can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. |
| Product Categories/Family for UBE2R2 recombinant protein   | <a href="#">DNA Damage</a> ; <a href="#">Ubiquitination</a> ; <a href="#">Recombinant Proteins</a>                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                  |          |
|------------------|----------|
| Molecular Weight | 29.33kDa |
|------------------|----------|

**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://www.aaabiotech.com/ube2r2-recombinant-protein-e-coli/60396>