

## UBE2E1 recombinant protein

Recombinant UBE2E1 protein

CATALOG #  
**AAA60381**

HOST  
**E coli**

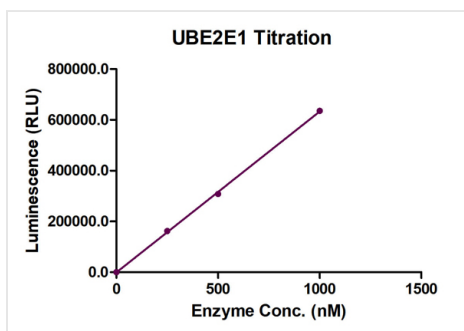
### PRODUCT SYNONYMS

UBE2E1; Recombinant UBE2E1 protein; Ubiquitin conjugating enzyme E2 E1; UBCH6; UBE2E1 recombinant protein

### PRODUCT SPECIFICATIONS

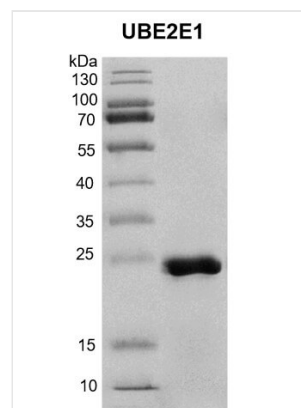
|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E coli                                                                                                                                                                                                      |
| Purity/Purification     | >=95% by SDS-PAGE.                                                                                                                                                                                          |
| Form/Format             | Recombinant UBE2E1 protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.                                                                                                            |
| Protein Species         | Human                                                                                                                                                                                                       |
| Tag                     | His-Tag                                                                                                                                                                                                     |
| Protein Details         | Recombinant UBE2E1 protein that includes full length of human UBE2E1 protein (accession number NP_003332.1) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 23.57kDa. |
| 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 UBE2E1 activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2E1 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 3 degree C 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 UBE2E1 protein 12.5% SDS-PAGE Coomassie staining MW: 19.48kDa  
Purity: >95%

### ADDITIONAL INFORMATION

#### Related Product Information for UBE2E1 recombinant protein

UBE2E1 (Ubiquitin-conjugating enzyme E2 E1) also known as UBCH6. UBE2E1 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. UBE2E1 can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes the covalent attachment of ISG15 to other proteins. Mediates the selective degradation of short-lived and abnormal proteins. In vitro also catalyzes 'Lys-48'-linked polyubiquitination.

Product Categories/Family for UBE2E1  
recombinant protein

[DNA Damage](#); [Transcription](#); [Ubiquitination](#); [Recombinant Proteins](#)

## NCBI AND UNIPROT INFORMATION

Molecular Weight

23.57kDa

**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/ube2e1-recombinant-protein-e-coli/60381>