

## UBE2D4 recombinant protein

Recombinant UBE2D4 protein

CATALOG #  
**AAA60397**

HOST  
**E coli**

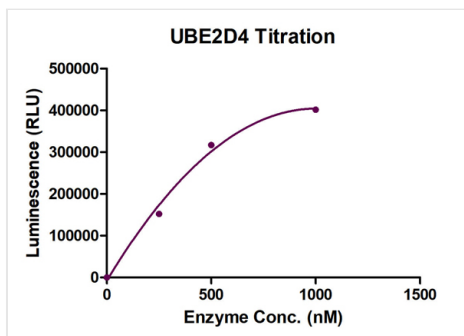
### PRODUCT SYNONYMS

UBE2D4; Recombinant UBE2D4 protein; Ubiquitin conjugating enzyme E2 D4; HBUCE1; UBCH5D; UBE2D4 recombinant protein

### PRODUCT SPECIFICATIONS

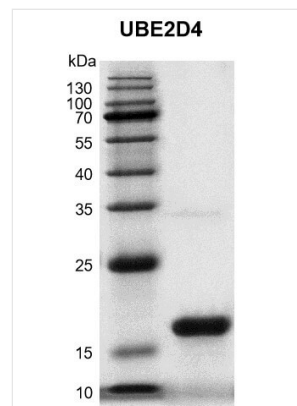
|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E coli                                                                                                                                                                                                      |
| Purity/Purification     | >=95% by SDS-PAGE.                                                                                                                                                                                          |
| Form/Format             | Recombinant UBE2D4 protein is supplied in 25 mM Tris 7.4, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.                                                                                                            |
| Protein Species         | Human                                                                                                                                                                                                       |
| Protein Details         | Recombinant UBE2D4 protein that includes full length of human UBE2D4 protein (accession number NP_057067.1) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 18.81kDa. |
| 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 UBE2D4 activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2D4 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 were read after another 30 min incubation.



#### SDS-PAGE

Recombinant UBE2D4 protein gel. UBE2D4 protein was run on a 12.5% SDS-PAGE gel and stained with Coomassie Blue. MW: 18.81kDa Purity: >95%

### ADDITIONAL INFORMATION

#### Related Product Information for UBE2D4 recombinant protein

UBE2D4 (Ubiquitin-conjugating enzyme E2 D4) also known as HBUCE1. UBE2D4 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. UBE2D4 can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues but may prefer 'Lys-11' and 'Lys-48'-linked polyubiquitination.

#### Product Categories/Family for UBE2D4 recombinant protein

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

NCBI AND UNIPROT INFORMATION

|                  |          |
|------------------|----------|
| Molecular Weight | 18.81kDa |
|------------------|----------|

**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/ube2d4-recombinant-protein-e-coli/60397>