

UBE2D2 recombinant protein

Recombinant UBE2D2 protein

CATALOG #
AAA60393

HOST
E coli

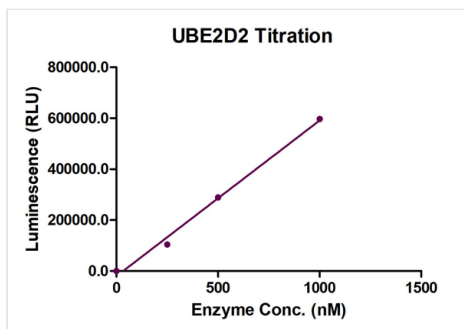
PRODUCT SYNONYMS

UBE2D2; Recombinant UBE2D2 protein; Ubiquitin conjugating enzyme E2 D2; E2(17)KB2; PUBC1; UBC4; UBC4/5; UBCH4; UBCH5B; UBE2D2 recombinant protein

PRODUCT SPECIFICATIONS

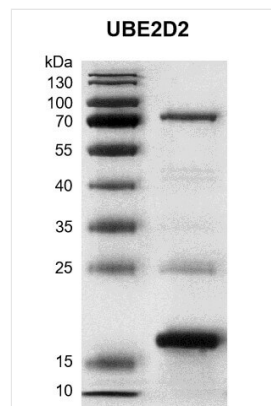
Host	E coli
Purity/Purification	>=70% by SDS-PAGE.
Form/Format	Recombinant UBE2D2 protein is supplied in 25 mM Tris 7.4, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant UBE2D2 protein that includes full length of human UBE2D2 protein (accession number NP_003330.1) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 18.90kDa.
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 UBE2D2 activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2D2 in 10ul reaction system containing 40 mM Tris-HCl pH 7.4, 20 mM MgCl₂, 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 UBE2D2 protein gel. UBE2D2 protein was run on a 12.5% SDS-PAGE gel and stained with Coomassie Blue. MW: 18.90kDa Purity: >70%

ADDITIONAL INFORMATION

Related Product Information for UBE2D2 recombinant protein

UBE2D2 (Ubiquitin-conjugating enzyme E2 D2) also known as E2(17) KB2, PUBC1, UBC4, UBC4/5, UBCH4 and UBCH5B. UBE2D2 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. UBE2D2 can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6 AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and autoubiquitination of STUB1 and TRAF6. Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2 mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by RIGI in response to viral infection.

Product Categories/Family for UBE2D2
recombinant protein

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

NCBI AND UNIPROT INFORMATION

Molecular Weight

18.90kDa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/ube2d2-recombinant-protein-e-coli/60393>