

UBE2C recombinant protein

Recombinant UBE2C protein

CATALOG #
AAA60401

HOST
E coli

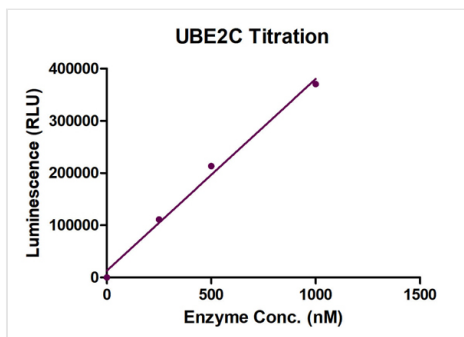
PRODUCT SYNONYMS

UBE2C; Recombinant UBE2C protein; Ubiquitin conjugating enzyme E2 C; dj447F3.2; UBCH10; UBE2C recombinant protein

PRODUCT SPECIFICATIONS

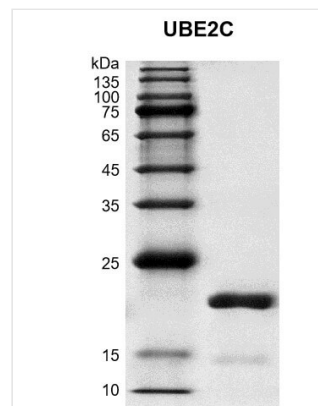
Host	E coli
Purity/Purification	>=90% by SDS-PAGE.
Form/Format	Recombinant UBE2C protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant UBE2C protein that includes full length of human UBE2C protein (accession number NP_008950.1) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 21.82kDa.

IMAGES



Application Data

AMP-Glo assay for UBE2C activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2C 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 was read after another 30 min incubation.



SDS-PAGE

Recombinant UBE2C protein gel. UBE2C protein was run on a 12.5% SDS-PAGE gel and stained with Coomassie Blue. MW: 21.82kDa Purity: >90%

ADDITIONAL INFORMATION

Related Product Information for UBE2C recombinant protein

UBE2C (Ubiquitin-conjugating enzyme E2 C) also known as dj447F3.2 and UBCH10. UBE2C 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. UBE2C can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Acts by initiating 'Lys-11'-linked polyubiquitin chains on APC/C substrates, leading to the degradation of APC/C substrates by the proteasome and promoting mitotic exit.

Product Categories/Family for UBE2C recombinant protein

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

NCBI AND UNIPROT INFORMATION

Molecular Weight	21.82kDa
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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/ube2c-recombinant-protein-e-coli/60401>