

UBE2H recombinant protein

Recombinant UBE2H protein

CATALOG #
AAA60383

HOST
E coli

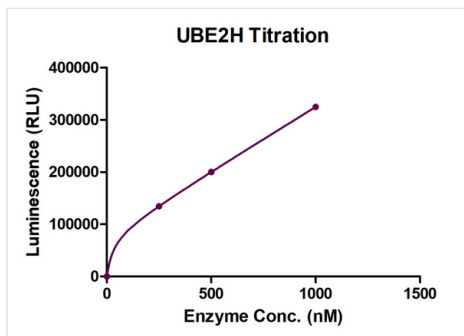
PRODUCT SYNONYMS

UBE2H; Recombinant UBE2H protein; Ubiquitin conjugating enzyme E2 H; ubiquitin carrier protein H; E2-20K; GID3; UBC8; UBCH; UBCH2; UBE2H recombinant protein

PRODUCT SPECIFICATIONS

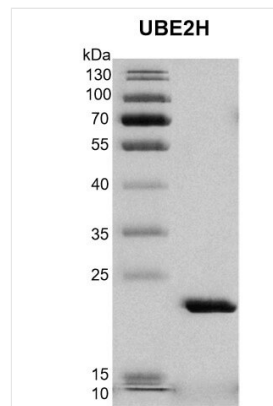
Host	E coli
Purity/Purification	>=95% by SDS-PAGE.
Form/Format	Recombinant UBE2H protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Tag	His-Tag
Protein Details	Recombinant UBE2H protein that includes full length of human UBE2H protein (accession number NP_003335.1) was expressed in E coli and contains an N-terminal His tag with a molecular weight of 22.82kDa.
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 UBE2H activity 7.9uM ubiquitin, 63 nM UBA1 and 25uM ATP were incubated with different concentrations of UBE2H 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 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 UBE2A protein 12.5% SDS-PAGE Coomassie staining MW: 22.82kDa
Purity: >95%

ADDITIONAL INFORMATION

Related Product Information for UBE2H recombinant protein

UBE2H (Ubiquitin-conjugating enzyme E2 H) also known as E2-20K, GID3, UBC8, UBCH, UBCH2. UBE2H 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. UBE2H can accept ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. E2 ubiquitin conjugating enzyme that transfers ubiquitin to MAEA, a core component of the CTLH E3 ubiquitin-protein ligase complex. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Capable, in vitro, to ubiquitinate histone H2A.

Product Categories/Family for UBE2H
recombinant protein

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

NCBI AND UNIPROT INFORMATION

Molecular Weight 22.82kDa

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/ube2h-recombinant-protein-e-coli/60383>