

UBE2C recombinant protein

UBE2C, Active

CATALOG # AAA74082	HOST E Coli	APPLICATIONS Western Blot
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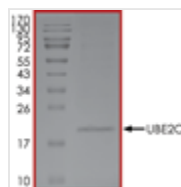
PRODUCT SYNONYMS

UBE2C; Active; dJ447F3.2; UBCH10; UBE2C recombinant protein

PRODUCT SPECIFICATIONS

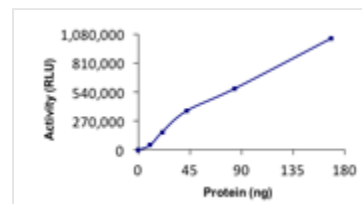
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2C recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for UBE2C recombinant protein	Recombinant full-length human UBE2C was expressed in E Coli cells using an N-terminal His tag. The UBE2C gene accession number is NM_007019. UBE2C or ubiquitin-conjugating enzyme E2C is a member of the E2 ubiquitin-conjugating enzyme family which is required for the destruction of mitotic cyclins and for cell cycle progression. UBE2C acted as a dominant-negative inhibitor which blocks the destruction of mitotic cyclins A and B and the onset of anaphase in frog embryos and mammalian cells. High UBE2C mRNA expression is associated with poor disease-free survival and overall survival. High tumor grade, as well as high Ki67 protein expression, was more frequent in the high-expression group of UBE2C.
Product Categories/Family for UBE2C recombinant protein	Ubiquitin Enzymes; Cancer; Cell Cycle; Neurobiology

References

1. Mondal, S. et al: A bioluminescent assay for monitoring conjugation of ubiquitin and ubiquitin-like proteins. Anal. Biochem. 510: 41-51, 2016
2. Rape, M. et al: Autonomous regulation of the anaphase-promoting complex couples mitosis to S-phase entry. Nature 432: 588-595, 2004
3. Townsley, F. M. et al: Dominant-negative cyclin-selective ubiquitin carrier protein E2-C/UbcH10 blocks cells in metaphase. Proc. Nat. Acad. Sci. 94: 2362-2367, 1997

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_007019](#)

Molecular Weight

21kDa

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/ube2c-recombinant-protein-e-coli-wb-western-blot/74082>