

UBE2D2 (UBC4) Recombinant Protein | UBE2D2 recombinant protein

UBE2D2 (UBC4), Active

CATALOG # AAA74084	HOST E Coli	APPLICATIONS Western Blot
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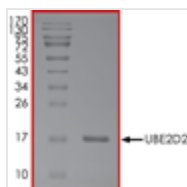
PRODUCT SYNONYMS

UBE2D2 (UBC4); Active; UBC4; PUBC1; UBC4/5; UBCH5B; E2(17)KB2; UBE2D2 recombinant protein

PRODUCT SPECIFICATIONS

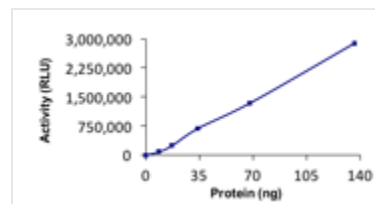
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2D2 recombinant protein	WB (Western Blot)
Tag	HIS
Species	Xenopus
Dry Ice Note	The product may be shipped with dry ice, 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 UBE2D2 recombinant protein	Recombinant full-length Xenopus UBE2D2 was expressed in E Coli cells using an N-terminal His tag. The UBE2D2 gene accession number is NM_001093036. UBE2D2(UBC4) Protein or ubiquitin-conjugating enzyme E2D2 is a member of the E2 ubiquitin-conjugating enzyme family which functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. UBE2D2 specifically ubiquitinates E6AP and in vivo inhibition of UBE2D2 can lead to inhibition of E6-stimulated p53 degradation (1). UBE2D2 could conjugate ubiquitin to target proteins in an E6AP-dependent manner.
Product Categories/Family for UBE2D2 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. Rolfe, M. et al: Reconstitution of p53-ubiquitylation reactions from purified components: the role of human ubiquitin-conjugating enzyme UBC4 and E6-associated protein (E6AP). Proc. Nat. Acad. Sci. 92: 3264-3268, 1995.
3. Jensen, J.P. et al: Identification of a family of closely related human ubiquitin conjugating enzymes. J. Biol. Chem. 270: 30408-30414, 1995

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_001093036](#)

Molecular Weight

17kDa

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/ube2d2-ubc4-recombinant-protein-e-coli-wb-western-blot/74084>