

UBE2D3 (UBCH5C) Recombinant Protein | UBE2D3 recombinant protein

UBE2D3 (UBCH5C), Active

CATALOG # AAA74085	HOST E Coli	APPLICATIONS Western Blot
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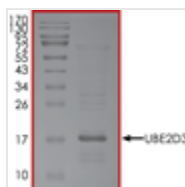
PRODUCT SYNONYMS

UBE2D3 (UBCH5C); Active; E2(17)KB3; UBC4/5; UBCH5C; UBE2D3 recombinant protein

PRODUCT SPECIFICATIONS

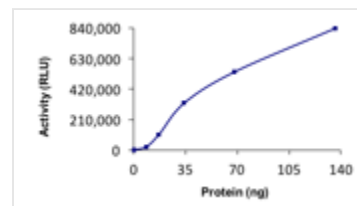
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2D3 recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and 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 UBE2D3 recombinant protein	Recombinant full-length human UBE2D3 was expressed in E Coli cells using an N-terminal His tag. The UBE2D3 gene accession number is NM_003340. UBE2D3 also known as UBCH5C or ubiquitin-conjugating enzyme E2D3 is a member of the E2 ubiquitin-conjugating enzyme family which is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. UBE2D3 is involved in RA-induced cell cycle arrest and as a mediator of all-trans retinoic acid-induced cell growth arrest in human acute promyelocytic NB4 cells. UBE2D3 functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase and is critical for normal cellular, tissue, and organismal physiology.
Product Categories/Family for UBE2D3 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. Hattori, H. et al: RNAi screen identifies UBE2D3 as a mediator of all-trans retinoic acid-induced cell growth arrest in human acute promyelocytic NB4 cells. Blood 110: 640-650, 2007.
3. Hutt, D. et al: The proteome in balance. Science 329: 766-767, 2010

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003340](#)

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://www.aaabiotech.com/ube2d3-ubch5c-recombinant-protein-e-coli-wb-western-blot/74085>