

UBE2D1 (UBCH5A) Recombinant Protein | UBE2D1 recombinant protein

UBE2D1 (UBCH5A), Active

CATALOG # AAA74083	HOST E Coli	APPLICATIONS Western Blot
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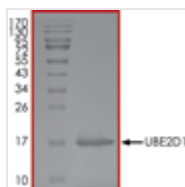
PRODUCT SYNONYMS

UBE2D1 (UBCH5A); Active; E2(17)KB1; SFT; UBC4/5; UBCH5; UBCH5A; UBE2D1 recombinant protein

PRODUCT SPECIFICATIONS

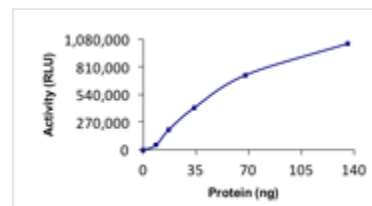
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2D1 recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and 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 UBE2D1 recombinant protein	Recombinant full-length human UBE2D1 was expressed in E Coli cells using an N-terminal His tag. The UBE2D1 gene accession number is NM_003338. UBE2D1 (UBCH5A) or ubiquitin-conjugating enzyme E2D1 is a member of the E2 ubiquitin-conjugating enzyme family which is closely related to a stimulator of iron transport (SFT). UBE2D1 is significantly upregulated in livers of iron-overloaded patients with hereditary hemochromatosis. UBE2D1 also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF-1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases.
Product Categories/Family for UBE2D1 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. Gehrke, S.G. et al: Ubch5A, a member of human E2 ubiquitin-conjugating enzymes, is closely related to SFT, a stimulator of iron transport, and is up-regulated in hereditary hemochromatosis. Blood 101: 3288-3293, 2003
3. Scheffner, M. et al: Identification of a human ubiquitin-conjugating enzyme that mediates the E6-AP-dependent ubiquitination of p53. Proc. Nat. Acad. Sci. 91: 8797-8801, 199

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003338](#)

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/ube2d1-ubch5a-recombinant-protein-e-coli-wb-western-blot/74083>