

UBE2K (UBC1) Recombinant Protein | UBE2K recombinant protein

UBE2K (UBC1), Active

CATALOG # AAA74090	HOST E Coli	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

UBE2K (UBC1); Active; E2-25K; HIP2; HYPG; LIG; UBC1; UBE2K recombinant protein

PRODUCT SPECIFICATIONS

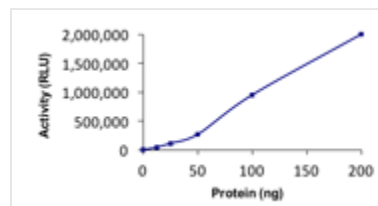
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2K recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and 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 UBE2K recombinant protein	Recombinant full-length human UBE2K was expressed in E Coli cells using an N-terminal His tag. The UBE2K gene accession number is NM_005339. UBE2K also known as UBC1 or ubiquitin-conjugating enzyme E2K belongs to the ubiquitin-conjugating enzyme family which interacts with RING finger proteins. UBE2K can ubiquitinate huntingtin, the gene product for Huntington's disease. Huntingtin is ubiquitinated in peripheral cells, suggesting a role for UBE2K in the degradation of huntingtin. UBE2K plays a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases. UBE2K also plays a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation.
Product Categories/Family for UBE2K recombinant protein	Ubiquitin Enzymes; Cancer; Cell Cycle; Neurobiology

References

1. Kalchman, M.A. et al: Huntingtin is ubiquitinated and interacts with a specific ubiquitin-conjugating enzyme. J. Biol. Chem. 271: 19385-19394, 1996
2. De Pril, R. et al: Ubiquitin-conjugating enzyme E2-25K increases aggregate formation and cell death in polyglutamine diseases. Mol Cell Neurosci. 2007 Jan;34(1):10-9

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_005339](#)

Molecular Weight

26kDa

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/ube2k-ubc1-recombinant-protein-e-coli-wb-western-blot/74090>