

UBE2I (UBC9) Recombinant Protein | UBE2I recombinant protein

UBE2I (UBC9), Active

CATALOG # AAA74089	HOST E Coli	APPLICATIONS Western Blot
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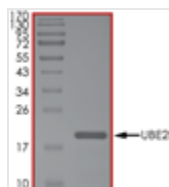
PRODUCT SYNONYMS

UBE2I (UBC9); Active; C358B7.1; P18; UBC9; UBE2I recombinant protein

PRODUCT SPECIFICATIONS

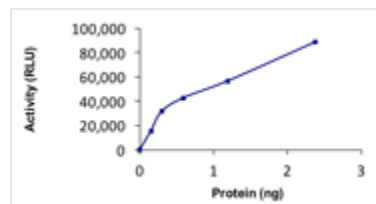
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, and 25% glycerol.
Applicable Applications for UBE2I recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, 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 UBE2I recombinant protein	Recombinant full length human UBE2I was expressed in E Coli cells using an N-terminal His tag. The gene accession number is NM_003345. UBE2I or ubiquitin-conjugating enzyme E2I is a member of the E2 ubiquitin-conjugating enzyme family which is required for post-replicative DNA damage repair. UBE2I also known as UBC9, plays a role DNA damage repair via interaction with WT1, which is able to impose a block in cell cycle progression in eukaryotic cells (1). Listeria and probably other pathogens, dampens the host response by decreasing the sumoylation level of proteins critical for infection by targeting UBC21, an essential enzyme of the SUMO pathway. UBC21 and the SUMO pathway are crucial for proper nuclear architecture, accurate chromosome segregation, and embryonic viability (2).
Product Categories/Family for UBE2I recombinant protein	Ubiquitin Enzymes; Cancer; Cell Cycle; Neurobiology

References

1. Wang, Z.-Y. et.al: Molecular cloning of the cDNA and chromosome localization of the gene for human ubiquitin-conjugating enzyme 9. J. Biol. Chem. 271: 24811-24816, 1996.
2. Nacerddine, K. et.al The SUMO pathway is essential for nuclear integrity and chromosome segregation in mice. Dev. Cell 9: 769-779, 2005.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003345](#)

Molecular Weight

~19kDa

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/ube2i-ubc9-recombinant-protein-e-coli-wb-western-blot/74089>