

UBE2N (UBC13) Recombinant Protein | UBE2N recombinant protein

UBE2N (UBC13), Active

CATALOG # AAA74092	HOST E Coli	APPLICATIONS Western Blot
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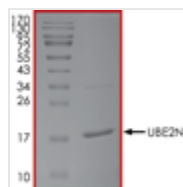
PRODUCT SYNONYMS

UBE2N (UBC13); Active; UBC13; UbcH-ben; UBE2N recombinant protein

PRODUCT SPECIFICATIONS

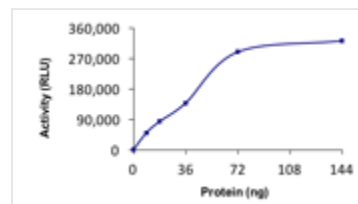
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2N recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and 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 UBE2N recombinant protein	Recombinant human UBE2N (2-end) was expressed in E Coli cells using an N-terminal His tag. The UBE2N gene accession number is NM_003348. UBE2N (UBC13) or ubiquitin-conjugating enzyme E2N is a member of the E2 ubiquitin-conjugating enzyme family which plays a role in DNA post-replication repair. UBE2N gene encodes a novel human E2 that may be involved in protein degradation in the muscles and testis. UBE2N plays a role in initiation of homologous recombination during double-strand break repair. UBE2N activity may have therapeutic uses in controlling inflammatory responses and it is also important in the induction of immune responses.
Product Categories/Family for UBE2N 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. Yamaguchi, T. et al: Cloning and expression of cDNA encoding a human ubiquitin-conjugating enzyme similar to the Drosophila bendless gene product. J. Biochem. 120: 494-497, 1996
3. Zhao, G.Y. et al: A critical role for the ubiquitin-conjugating enzyme Ubc13 in initiating homologous recombination. Molec. Cell 25: 663-675, 2007

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003348](#)

Molecular Weight

18kDa

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/ube2n-ubc13-recombinant-protein-e-coli-wb-western-blot/74092>