

UBE2G1 (UBC7) Recombinant Protein | UBE2G1 recombinant protein

UBE2G1 (UBC7), Active

CATALOG # AAA74088	HOST E Coli	APPLICATIONS Western Blot
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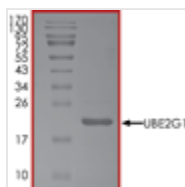
PRODUCT SYNONYMS

UBE2G1 (UBC7); Active; UBC7; E217K; UBE2G; UBE2G1 recombinant protein

PRODUCT SPECIFICATIONS

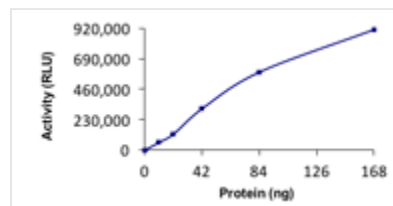
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UBE2G1 recombinant protein	WB (Western Blot)
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and 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 UBE2G1 recombinant protein	Recombinant full-length human UBE2G1 was expressed in E Coli cells using an N-terminal His tag. The UBE2G1 gene accession number is NM_003342. UBE2G1 (UBC7) or ubiquitin-conjugating enzyme E2G 1 is a member of the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins which are involved in degradation of muscle-specific proteins. UBC7 is highly expressed in skeletal muscle. UBC7 is involved in the selective ubiquitylation of different substrates by the same E3 complex.
Product Categories/Family for UBE2G1 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. Watanabe, T.K. et al: Molecular cloning of UBE2G, encoding a human skeletal muscle-specific ubiquitin-conjugating enzyme homologous to UBC7 of C. elegans. Cytogenet. Cell Genet. 74: 146-148, 1996
3. David, Y. et al: The E2 ubiquitin-conjugating enzymes direct polyubiquitination to preferred lysines. Cytogenet. J Biol Chem. 285(12): 8595-8604, 2010

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003342](#)

Molecular Weight

21kDa

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/ube2g1-ubc7-recombinant-protein-e-coli-wb-western-blot/74088>