

UBA7 (UBE1L) Recombinant Protein | UBA7 recombinant protein

UBA7 (UBE1L), Active

CATALOG # AAA74079	HOST Sf9 insect cells	APPLICATIONS Western Blot
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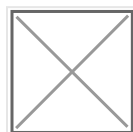
PRODUCT SYNONYMS

UBA7 (UBE1L); Active; D8; UBE2; UBA1B; UBA7; UBE1L; UBA7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, and 25% glycerol.
Applicable Applications for UBA7 recombinant protein	WB (Western Blot)
Tag	GST
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 UBA7 recombinant protein	Recombinant full-length human UBA7 (UBE1L) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_003335. UBA7 or ubiquitin-like modifier activating enzyme 7 is a member of the E1 ubiquitin-activating enzyme family which is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. UBA7 is expressed in a variety of tissues, including normal lung, but highly expressed in a large series of lung cancer cell lines (1). UBA7 may represent a second, autosomal member of the ubiquitin-activating gene family, which play a role in the ubiquitin conjugation pathway, which is of central importance in all eukaryotes (2).
Product Categories/Family for UBA7 recombinant protein	Ubiquitin Enzymes; Cancer; Cell Cycle; Neurobiology

References

1. Carritt, B. et.al: A gene from human chromosome region 3p21 with reduced expression in small cell lung cancer. Cancer Res. 52: 1536-1541, 1992.
2. Kok, K. et.al: A gene in the chromosomal region 3p21 with greatly reduced expression in lung cancer is similar to the gene for ubiquitin-activating enzyme. Proc. Nat. Acad. Sci. 90: 6071-6075, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003335](#)

Molecular Weight

~138kDa

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/uba7-ube1l-recombinant-protein-sf9-insect-cells-wb-western-blot/74079>