

Ubiquitin-protein ligase E3A Recombinant Protein | Ube3a recombinant protein

Recombinant Mouse Ubiquitin-protein ligase E3A

CATALOG # AAA115623	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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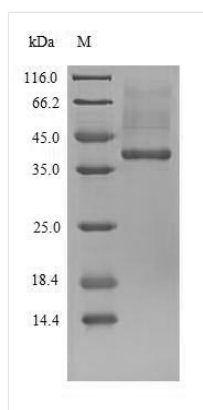
PRODUCT SYNONYMS

Ubiquitin-protein ligase E3A; Recombinant Mouse Ubiquitin-protein ligase E3A; Oncogenic protein-associated protein E6-AP; Ube3a recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	542-870aa; Partial
Sequence	HIIDDALVRL EMIAMENPAD LKKQLYVEFE GEQGVDEGGV SKEFFQLVVE EIFNPDIGMF TYDEATKLFW FNPSSFETEG QFTLIGLGL AIYNNCILDV HFPMVVYRKL MGKKGTFRDL GDShpVLYQS LKDLLEYEGS VEDDMMITFQ ISQTDLFGNP MMYDLKENG D KIPITNENRK EFVISYSDYI LNKSVEKQFK AFRRGFHMVT NESPLKYLFR PEEIELLICG SRNLDFQALE ETTEYDGGYT RESVVIREFW EIVHSFTDEQ KRLFLFFTG TDRAPVGGLG KLKMIIAKNG PDTERLPTSH TCFNVLLLP E YSSKEKLVN
Sequence Length	870
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ube3a recombinant protein	E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and transfers it to its substrates. Several substrates have been identified including the RAD23A and RAD23B, MCM7 (which is involved in DNA replication), annexin A1, the PML tumor suppressor, and the cell cycle regulator CDKN1B. Additionally, may function as a cellular quality control ubiquitin ligase by helping the degradation of the cytoplasmic misfolded proteins. Finally, UBE3A also promotes its own degradation in vivo (By similarity). Plays an important role in the regulation of the circadian clock: involved in the ubiquitination of the core clock component ARNTL/BMAL1, leading to its proteasomal degradation (PubMed:24728990).
Product Categories/Family for Ube3a recombinant protein	Epigenetics and Nuclear Signaling
References	"Subcellular localization and ubiquitin-conjugating enzyme (E2) interactions of mammalian HECT family ubiquitin protein ligases." Hatakeyama S., Jensen J.P., Weissman A.M. J. Biol. Chem. 272:15085-15092(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	76880494
NCBI GeneID	22215
NCBI Accession #	NP_035798.2
NCBI GenBank Nucleotide #	NM_011668.2
UniProt Accession #	O08759; P97482; Q8CE29; E9QKT1
Molecular Weight	39.9 kDa
NCBI Official Full Name	ubiquitin-protein ligase E3A isoform 2
NCBI Official Synonym Full Names	ubiquitin protein ligase E3A
NCBI Official Symbol	Ube3a
NCBI Official Synonym Symbols	Hpve6a; mKIAA4216; 4732496B02; 5830462N02Rik; A130086L21Rik
NCBI Protein Information	ubiquitin-protein ligase E3A
UniProt Protein Name	Ubiquitin-protein ligase E3A
UniProt Gene Name	Ube3a
UniProt Entry Name	UBE3A_MOUSE

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/ube3a-recombinant-protein-e-coli/115623>