Ubiquitin-Conjugating Enzyme E2 6 (UBC6) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-conjugating enzyme E2 6 (UBC6), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Ubiquitin-conjugating enzyme E2 6 (UBC6)
Product Gene Name	UBC6 recombinant protein
Product Synonym Gene Name	UBC6; AGR372W
Product Synonym Names	Ubiquitin-conjugating enzyme E2 6; EC=6.3.2.19; Ubiquitin carrier protein UBC6; Ubiquitin-protein ligase UBC6
Sequence	MASRQAYKRL SKEYKMMTEN PPPYIVAAPK EDNILVWHYV ITGPPETPYE DGQYHGTLVF PNDYPFNPPA IRMLTPNGRF RENTRLCLSM SDYHPDTWNP SWSVATILTG LLSFMTTDES SIGTMESTDS TKRKYAAKSK EHNATRSPIF CQIFPELAEQ NRRDIEEAKK RKDETVVEDE HPFKQEQVVS LEEINDPEDR IRAQMLQQPA GNGTTSN
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	27,612 Da
Sequence Positions	1-217
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q74Z34
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBC6 recombinant protein	MBS1306273 is a recombinant protein targeting UBC6. Also known as Recombinant Ashbya gossypii Ubiquitin-conjugating enzyme E2 6 (UBC6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UBC6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBC6. It may not necessarily be applicable to this product.

NCBI GI #	45201468
NCBI GeneID	4623341
NCBI Accession #	NP_987038.1
UniProt Primary Accession #	Q74Z34

UniProt Related Accession #	Q74Z34
GenBank Nucleotide #	NM_212100.1
NCBI Official Full Name	AGR372Wp
NCBI Official Symbol	AGOS_AGR372W
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 6
UniProt Synonym Protein Names	Ubiquitin carrier protein UBC6; Ubiquitin-protein ligase UBC6
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBC6
UniProt Entry Name	UBC6_ASHGO
NCBI Protein Information	AGR372Wp
UniProt Comments for UBC6	Catalyzes the covalent attachment of ubiquitin to other proteins. Functions in degradation of misfolded or regulated proteins localized in the endoplasmic reticulum (ER) lumen or membrane via the ubiquitin-proteasome system. Cognate E2 conjugating enzyme for the DOA10 ubiquitin ligase complex, which is part of the ERAD-C pathway responsible for the rapid degradation of membrane proteins with misfolded cytoplasmic domains.
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