Ubiquitin-Conjugating Enzyme E2 8 (UBC8) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-conjugating enzyme E2 8 (UBC8), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Ubiquitin-conjugating enzyme E2 8 (UBC8)
Product Gene Name	UBC8 recombinant protein
Sequence	MASKRILKEL KDLQKDPPTS CSAGPVAEDM FHWQATIMGP AESPYSGGVF LVTIHFPPDY PFKPPKVAFR TKVFHPNINS NGSICLDILK EQWSPALTIS KVLLSICSLL TDPNPDDPLV PEIAHMYKTD RAKYEATARN WTQKYAMG
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	16,163 Da
Sequence Positions	1-148. Full Length
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 P35131
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBC8 recombinant protein	MBS1227316 is a recombinant protein targeting UBC8. Also known as Recombinant Arabidopsis thaliana Ubiquitin-conjugating enzyme E2 8 (UBC8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UBC8 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 UBC8. It may not necessarily be applicable to this product.

NCBI GI #	334188111
NCBI GeneID	834173
NCBI Accession #	NP_001190447.1
UniProt Primary Accession #	P35131
UniProt Secondary Accession #	Q3E8J2; Q3E8J3; Q42308; Q43276; Q4TZ02; Q8LE19
UniProt Related Accession #	P35131
GenBank Nucleotide #	NM_001203518.1

NCBI Official Full Name	ubiquitin conjugating enzyme 8
NCBI Official Symbol	UBC8
NCBI Official Synonym Symbols	ARABIDOPSIS THALIANA UBIQUITIN CONJUGATING ENZYME 8; ATUBC8; MBK23.24; MBK23_24; UBIQUITIN CONJUGATING ENZYME; ubiquitin conjugating enzyme 8
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 8
UniProt Synonym Protein Names	E2 ubiquitin-conjugating enzyme 8; UBCAT4A; Ubiquitin carrier protein 8; Ubiquitin-conjugating enzyme E2-17 kDa 8; Ubiquitin-protein ligase 8
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBC8
UniProt Synonym Gene Names	UBC4A
NCBI Protein Information	ubiquitin conjugating enzyme 8
NCBI Summary for UBC8	One of the polypeptides that constitute the ubiquitin-conjugating enzyme E2
UniProt Comments for UBC8	Accepts the ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Mediates the selective degradation of short-lived and abnormal proteins.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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