Probable Ubiquitin-Like-Specific Protease 2b (ULP2B) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ubiquitin-like-specific protease 2B (ULP2B), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable ubiquitin-like-specific protease 2B (ULP2B) , partial
Product Gene Name	ULP2B recombinant protein
Product Synonym Gene Name	ULP2B
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	106,013 Da
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 Q8L7S0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ULP2B recombinant protein	MBS1370394 is a recombinant protein targeting ULP2B. Also known as Recombinant Arabidopsis thaliana Probable ubiquitin-like-specific protease 2B (ULP2B) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ULP2B 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 ULP2B. It may not necessarily be applicable to this product.

NCBI GI #	334182427
NCBI GeneID	837501
NCBI Accession #	NP_001184951.1
UniProt Primary Accession #	Q8L7S0
UniProt Secondary Accession #	F4I132
UniProt Related Accession #	Q8L7S0
GenBank Nucleotide #	NM_001198022.2
NCBI Official Full Name	Cysteine proteinases superfamily protein

NCBI Official Symbol	AT1G09730
NCBI Official Synonym Symbols	F21M12.29; F21M12_29
UniProt Protein Name	Probable ubiquitin-like-specific protease 2B
Protein Family	Probable ubiquitin-like-specific protease
UniProt Gene Name	ULP2B
NCBI Protein Information	Cysteine proteinases superfamily protein
UniProt Comments for ULP2B	Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMOs to their mature forms and deconjugation of SUMO from targeted proteins.
Research Articles on ULP2B	**1.** this study identified a novel bona fide SUMO protease, ASP1, which positively regulates transition to flowering at least partly by repressing FLC protein stability.[ASP1]
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