Probable Ubiquitin Conjugation Factor E4 (PUB1) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable ubiquitin conjugation factor E4 (PUB1), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable ubiquitin conjugation factor E4 (PUB1) , partial
Product Gene Name	PUB1 recombinant protein
Product Synonym Gene Name	PUB1
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	117,528 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 Q9LF41
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PUB1 recombinant protein	MBS1325344 is a recombinant protein targeting PUB1. Also known as Recombinant Arabidopsis thaliana Probable ubiquitin conjugation factor E4 (PUB1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PUB1 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 PUB1. It may not necessarily be applicable to this product.

NCBI GI #	42567869
NCBI GeneID	831392
NCBI Accession #	NP_568313.2
UniProt Primary Accession #	Q9LF41
UniProt Related Accession #	Q9LF41
GenBank Nucleotide #	NM_121544.4
NCBI Official Full Name	U-box domain-containing protein
NCBI Official Symbol	AT5G15400

NCBI Official Synonym Symbols	MUSE3; Mutant; snc1 -enhancing 3; T20K14.10; T20K14_10
UniProt Protein Name	Probable ubiquitin conjugation factor E4
UniProt Synonym Protein Names	Plant U-box protein 1; RING-type E3 ubiquitin transferase E4; U-box domain-containing protein 1; Ubiquitin-fusion degradation protein 2-like; UB fusion protein 2-like
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	PUB1
UniProt Synonym Gene Names	UFD2; UB fusion protein 2-like
NCBI Protein Information	U-box domain-containing protein
UniProt Comments for PUB1	Ubiquitin-protein ligase that may function as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chain assembly on substrates monoubiquitinated by another E3 ubiquitin ligase.
Research Articles on PUB1	**1.** MUSE3 is involved in polyubiquitination of its protein targets.
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