RING-Box Protein 1b (RBX1B) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	RING-box protein 1b (RBX1B), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana RING-box protein 1b (RBX1B)
Product Gene Name	RBX1B recombinant protein
Product Synonym Gene Name	RBX1B
Sequence	MASLNSDVIM GESSSISVPS SSSKNSKRFE LKKWSAVALW AWDIVVDNCA ICRNHIMDLC IECLANQASA TSEECTVAWG VCNHAFHFHC ISRWLKTRQV CPLDVCEWEF QKYGH
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	12,999 Da
Sequence Positions	1-115, Full length protein
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 Q9M2B0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RBX1B recombinant protein	MBS1384240 is a recombinant protein targeting RBX1B. Also known as Recombinant Arabidopsis thaliana RING-box protein 1b (RBX1B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RBX1B 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 RBX1B. It may not necessarily be applicable to this product.

NCBI GI #	15229164
NCBI GeneID	823327
NCBI Accession #	NP_189869.1
UniProt Primary Accession #	Q9M2B0
UniProt Secondary Accession #	Q1PEJ6
UniProt Related Accession #	Q9M2B0

GenBank Nucleotide #	NM_114151.1
NCBI Official Full Name	RING/U-box superfamily protein
NCBI Official Symbol	AT3G42830
UniProt Protein Name	RING-box protein 1b
UniProt Synonym Protein Names	At-Rbx1;2; RBX1-1; RBX1b-At
Protein Family	RING-box protein
UniProt Gene Name	RBX1B
NCBI Protein Information	RING/U-box superfamily protein
UniProt Comments for RBX1B	Component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. The SCF complex plays a crucial role in regulating response to auxin and is essential for growth and development. Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme, to the complex and brings it into close proximity to the substrate ().
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