Putative Pentatricopeptide Repeat-Containing Protein At1g53330 (AT1G53330) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative pentatricopeptide repeat-containing protein At1g53330 (At1g53330), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative pentatricopeptide repeat-containing protein At1g53330 (At1g53330)
Product Gene Name	At1g53330 recombinant protein
Product Synonym Gene Name	At1g53330
Sequence	MSAVKSVSSF RLASLLRREN DPSAAMKLFR NPDPESTNPK RPFRYSLLCY DIIITKLGGS KMFDELDQVL LHLKTDTRIV PTEIIFCNVI NFFGRGKLPS RALHMFDEMP QYRCQRTVKS LNSLLSALLK CGELEKMKER LSSIDEFGKP DACTYNILIH GCSQSGCFDD ALKLFDEMVK KKVKPTGVTF GTLIHGLCKD SRVKEALKMK HDMLKVYGVR PTVHIYASLI KALCQIGELS FAFKLKDEAY EGKIKVDAAI YSTLISSLIK AGRSNEVSMI LEEMSEKGCK PDTVTYNVLI NGFCVENDSE SANRVLDEMV EKGLKPDVIS YNMILGVFFR IKKWEEATYL FEDMPRRGCS PDTLSYRIVF DGLCEGLQFE EAAVILDEML FKGYKPRRDR LEGFLQKLCE SGKLEILSKV ISSLHRGIAG DADVWSVMIP TMCKEPVISD SIDLLLNTVK EDGPLSAMPQ C
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	53,074 Da
Sequence Positions	1-471, 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 Q9MAG8
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g53330 recombinant protein	MBS1347599 is a recombinant protein targeting At1g53330. Also known as Recombinant Arabidopsis thaliana Putative pentatricopeptide repeat-containing protein At1g53330 (At1g53330). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g53330 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 At1g53330. It may not necessarily be applicable to this product.

NCBI GI #	15219274
NCBI GeneID	841768

NCBI Accession #	NP_175740.1
UniProt Primary Accession #	Q9MAG8
UniProt Related Accession #	Q9MAG8
GenBank Nucleotide #	NM_104212.2
NCBI Official Full Name	Pentatricopeptide repeat (PPR) superfamily protein
NCBI Official Symbol	AT1G53330
NCBI Official Synonym Symbols	F12M16.23; F12M16_23
UniProt Protein Name	Putative pentatricopeptide repeat-containing protein At1g53330
Protein Family	Putative pentatricopeptide repeat-containing protein
UniProt Gene Name	At1g53330
NCBI Protein Information	Pentatricopeptide repeat (PPR) superfamily protein
NCBI Summary for At1g53330	encodes a member of the pentatricopeptide repeat (PPR) gene family. T-DNA insertion mutants had a complex phenotypic expression, ranging from embryo lethal to seedling lethal, to just subtle changes.
UniProt Comments for At1g53330	Involved during embryo development.
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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