Pentatricopeptide Repeat-Containing Protein At3g53170 (AT3G53170) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pentatricopeptide repeat-containing protein At3g53170 (At3g53170), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At3g53170 (At3g53170)
Product Gene Name	At3g53170 recombinant protein
Product Synonym Gene Name	At3g53170
Sequence	MCSTKVPNER TEKMNSGLIS TRHQVDPKKE LSRILRTDAA VKGIERKANS EKYLTLWPKA VLEALDEAIK ENRWQSALKI FNLLRKQHWY EPRCKTYTKL FKVLGNCKQP DQASLLFEVM LSEGLKPTID VYTSLISVYG KSELLDKAFS TLEYMKSVSD CKPDVFTFTV LISCCCKLGR FDLVKSIVLE MSYLGVGCST VTYNTIIDGY GKAGMFEEME SVLADMIEDG DSLPDVCTLN SIIGSYGNGR NMRKMESWYS RFQLMGVQPD ITTFNILILS FGKAGMYKKM CSVMDFMEKR FFSLTTVTYN IVIETFGKAG RIEKMDDVFR KMKYQGVKPN SITYCSLVNA YSKAGLVVKI DSVLRQIVNS DVVLDTPFFN CIINAYGQAG DLATMKELYI QMEERKCKPD KITFATMIKT YTAHGIFDAV QELEKQMISS GENLDIL
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	50,691 Da
Sequence Positions	1-447, 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 Q9SCP4
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At3g53170 recombinant protein	MBS1344448 is a recombinant protein targeting At3g53170. Also known as Recombinant Arabidopsis thaliana Pentatricopeptide repeat-containing protein At3g53170 (At3g53170). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At3g53170 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 At3g53170. It may not necessarily be applicable to this product.

NCBI GI #	1063716473
NCBI GeneID	824483

NCBI Accession #	NP_001319735.1
UniProt Primary Accession #	Q9SCP4
UniProt Secondary Accession #	F4J999
UniProt Related Accession #	Q9SCP4
GenBank Nucleotide #	NM_001339595.1
NCBI Official Full Name	LOW protein: PPR containing protein
NCBI Official Symbol	AT3G53170
UniProt Protein Name	Pentatricopeptide repeat-containing protein At3g53170
Protein Family	Pentatricopeptide repeat-containing protein
UniProt Gene Name	At3g53170
NCBI Protein Information	LOW protein: PPR containing protein
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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