Calmodulin-Binding Transcription Activator 6 (CMTA6) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calmodulin-binding transcription activator 6 (CMTA6), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Calmodulin-binding transcription activator 6 (CMTA6) , partial
Product Gene Name	CMTA6 recombinant protein
Product Synonym Gene Name	CMTA6
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	96,178 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 Q9LSP8
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CMTA6 recombinant protein	MBS1294541 is a recombinant protein targeting CMTA6. Also known as Recombinant Arabidopsis thaliana Calmodulin-binding transcription activator 6 (CMTA6) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CMTA6 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 CMTA6. It may not necessarily be applicable to this product.

NCBI GI #	334185403
NCBI GeneID	820950
NCBI Accession #	NP_188319.2
UniProt Primary Accession #	Q9LSP8
UniProt Secondary Accession #	Q56WD5; F4J3Y2
GenBank Nucleotide #	NM_112570.4
NCBI Official Full Name	calmodulin-binding transcription activator
NCBI Official Symbol	AT3G16940

UniProt Protein Name	Calmodulin-binding transcription activator 6
UniProt Synonym Protein Names	Ethylene-induced calmodulin-binding protein 5
Protein Family	Calmodulin-binding transcription activator
UniProt Gene Name	CAMTA6
UniProt Synonym Gene Names	AtSR3
NCBI Protein Information	calmodulin-binding transcription activator
UniProt Comments for CMTA6	Transcription activator that binds calmodulin in a calcium-dependent manner in vitro (PubMed:12218065). Binds to the DNA consensus sequence 5'-[ACG]CGCG[GTC]-3' (). Regulates transcriptional activity in response to calcium signals (Probable).
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