GATA Transcription Factor 14 (GATA14) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	GATA transcription factor 14 (GATA14), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana GATA transcription factor 14 (GATA14)
Product Gene Name	GATA14 recombinant protein
Product Synonym Gene Name	GATA14
Sequence	MSGREDEEED LGTAMQKIPI PVNVFDKEPM DLDTVFGFAD GVREIIEDSN LLLEESREFD TNDSKPSRNF SNLPTATRGR LHAPKRSGNK RGRQKRLSFK SPSDLFDSKF GITDKSCSHC GTRKTPLWRE GPRGAGTLCN ACGMRYRTGR LLPEYRPASS PDFKPNVHSN FHRKVMEIRR ERKSSPPNSF GFSESYHSTR KLGF
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	23,175 Da
Sequence Positions	1-204, 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 Q9M1U2
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GATA14 recombinant protein	MBS1325247 is a recombinant protein targeting GATA14. Also known as Recombinant Arabidopsis thaliana GATA transcription factor 14 (GATA14). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GATA14 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 GATA14. It may not necessarily be applicable to this product.

NCBI GI #	15230631
NCBI GeneID	823653
NCBI Accession #	NP_190103.1
UniProt Primary Accession #	Q9M1U2
UniProt Secondary Accession #	A3E4C3

UniProt Related Accession #	Q9M1U2
GenBank Nucleotide #	NM_114386.2
NCBI Official Full Name	GATA transcription factor 14
NCBI Official Symbol	GATA14
NCBI Official Synonym Symbols	GATA transcription factor 14
UniProt Protein Name	GATA transcription factor 14
Protein Family	GATA transcription factor
UniProt Gene Name	GATA14
NCBI Protein Information	GATA transcription factor 14
NCBI Summary for GATA14	Encodes a member of the GATA factor family of zinc finger transcription factors.
UniProt Comments for GATA14	Transcriptional activator that specifically binds 5'-GATA-3' or 5'-GAT-3' motifs within gene promoters. May be involved in the regulation of some light-responsive genes ().
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