Thioredoxin H8 (TRX8) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thioredoxin H8 (TRX8), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Thioredoxin H8 (TRX8)
Product Gene Name	TRX8 recombinant protein
Product Synonym Gene Name	TRX8
Sequence	MGANVSTPDQ RFQVTHFRST KPWTPRPEIY PFKVNSPCIV EIKNMNQWKS RLNALKDTNK LLVIEFTAKW CGPCKTLEPK LEELAAKYTD VEFVKIDVDV LMSVWMEFNL STLPAIVFMK RGREVDMVVG VKVDELERKL NKYTQSFF
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	17,250 Da
Sequence Positions	1-148, 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 Q9CAS1
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TRX8 recombinant protein	MBS1344482 is a recombinant protein targeting TRX8. Also known as Recombinant Arabidopsis thaliana Thioredoxin H8 (TRX8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TRX8 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 TRX8. It may not necessarily be applicable to this product.

NCBI GI #	15222488
NCBI GeneID	843324
NCBI Accession #	NP_177146.1
UniProt Primary Accession #	Q9CAS1
UniProt Related Accession #	Q9CAS1
GenBank Nucleotide #	NM_105656.3

NCBI Official Full Name	thioredoxin H-type 8
NCBI Official Symbol	TH8
NCBI Official Synonym Symbols	ATH8; T17F3.9; T17F3_9; thioredoxin H-type 8
UniProt Protein Name	Thioredoxin H8
Protein Family	Thioredoxin
UniProt Gene Name	TRX8
UniProt Synonym Gene Names	AtTrxh8
NCBI Protein Information	thioredoxin H-type 8
UniProt Comments for TRX8	Probable thiol-disulfide oxidoreductase that may be involved in the redox regulation of a number of cytosolic enzymes.
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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