Zinc Finger Protein ZAT4 (ZAT4) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger protein ZAT4 (ZAT4), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Zinc finger protein ZAT4 (ZAT4)
Product Gene Name	ZAT4 recombinant protein
Product Synonym Gene Name	ZAT4
Sequence	MERYKCRFCF KSFINGRALG GHMRSHMLTL SAERCVITGE AEEEVEERPS QLCDDDDDTE SDASSSSGEF DNQKMNRLDD ELEFDFAEDD DVESETESSR INPTRRRSKR TRKLGSFDFD FEKLTTSQPS ELVAEPEHHS SASDTTTEED LAFCLIMLSR DKWKQQKKKK QRVEEDETDH DSEDYKSSKS RGRFKCETCG KVFKSYQALG GHRASHKKNK ACMTKTEQVE TEYVLGVKEK KVHECPICFR VFTSGQALGG HKRSHGSNIG AGRGLSVSQI VQIEEEVSVK QRMIDLNLPA PNEEDETSLV FDEW
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	35,854 Da
Sequence Positions	1-314, 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 Q9SHD0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZAT4 recombinant protein	MBS1422473 is a recombinant protein targeting ZAT4. Also known as Recombinant Arabidopsis thaliana Zinc finger protein ZAT4 (ZAT4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZAT4 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 ZAT4. It may not necessarily be applicable to this product.

NCBI GI #	15225413
NCBI GeneID	819119
NCBI Accession #	NP_182037.1
UniProt Primary Accession #	Q9SHD0
UniProt Related Accession #	Q9SHD0

GenBank Nucleotide #	NM_130075.4
NCBI Official Full Name	C2H2-like zinc finger protein
NCBI Official Symbol	AT2G45120
NCBI Official Synonym Symbols	T14P1.7
UniProt Protein Name	Zinc finger protein ZAT4
Protein Family	Zinc finger protein
UniProt Gene Name	ZAT4
NCBI Protein Information	C2H2-like zinc finger protein
UniProt Comments for ZAT4	Probable transcription factor that may be involved in stress responses.
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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