Nuclear Transcription Factor Y Subunit A-9 (NFYA9) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nuclear transcription factor Y subunit A-9 (NFYA9), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Nuclear transcription factor Y subunit A-9 (NFYA9)
Product Gene Name	NFYA9 recombinant protein
Product Synonym Gene Name	NFYA9
Sequence	MGIEDMHSKS DSGGNKVDSE VHGTVSSSIN SLNPWHRAAA ACNANSSVEA GDKSSKSIAL ALESNGSKSP SNRDNTVNKE SQVTTSPQSA GDYSDKNQES LHHGITQPPP HPQLVGHTVG WASSNPYQDP YYAGVMGAYG HHPLGFVPYG GMPHSRMPLP PEMAQEPVFV NAKQYQAILR RRQARAKAEL EKKLIKSRKP YLHESRHQHA MRRPRGTGGR FAKKTNTEAS KRKAEEKSNG HVTQSPSSSN SDQGEAWNGD YRTPQGDEMQ SSAYKRREEG ECSGQQWNSL SSNHPSQARL AIK
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	33,151 Da
Sequence Positions	1-303, 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 Q945M9
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NFYA9 recombinant protein	MBS1384819 is a recombinant protein targeting NFYA9. Also known as Recombinant Arabidopsis thaliana Nuclear transcription factor Y subunit A-9 (NFYA9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NFYA9 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 NFYA9. It may not necessarily be applicable to this product.

NCBI GI #	18402799
NCBI GeneID	821640
NCBI Accession #	NP_566670.1
UniProt Primary Accession #	Q945M9

UniProt Secondary Accession #	Q9LIH3
UniProt Related Accession #	Q945M9
GenBank Nucleotide #	NM_112983.5
NCBI Official Full Name	nuclear factor Y, subunit A9
NCBI Official Symbol	NF-YA9
NCBI Official Synonym Symbols	"nuclear factor Y; nuclear factor Y; subunit A9; subunit A9"
UniProt Protein Name	Nuclear transcription factor Y subunit A-9
Protein Family	Nuclear transcription factor
UniProt Gene Name	NFYA9
UniProt Synonym Gene Names	AtNF-YA-9
NCBI Protein Information	nuclear factor Y, subunit A9
UniProt Comments for NFYA9	Stimulates the transcription of various genes by recognizing and binding to a CCAAT motif in promoters.
Research Articles on NFYA9	**1.** these results provide evidence that NF-YA1, 5, 6, and 9 play redundant roles in male gametophyte development, embryogenesis, seed development, and post-germinative growth.
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