Transcription Initiation Factor IIA Subunit 2 (TFIIAy) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription initiation factor IIA subunit 2 (TFIIAy), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Transcription initiation factor IIA subunit 2 (TFIIAy)
Product Gene Name	TFIIAy recombinant protein
Product Synonym Gene Name	TFIIAy
Sequence	MATFELYRRS TIGMCLTETL DEMVSSGTLS PELAIQVLVQ FDKSMTEALE NQVKSKVSIK GHLHTYRFCD NVWTFILTEA SFKNEETTEQ VGKVKIVACD SKLLSQ
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	11,970 Da
Sequence Positions	1-106, 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 Q0DLD3
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TFIIAy recombinant protein	MBS1308671 is a recombinant protein targeting TFIIAy. Also known as Recombinant Oryza sativa subsp. japonica Transcription initiation factor IIA subunit 2 (TFIIAy). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TFIIAy 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 TFIIAy. It may not necessarily be applicable to this product.

NCBI GI #	1002272661
NCBI GeneID	4337575
NCBI Accession #	XP_015640634.1
UniProt Primary Accession #	Q0DLD3
UniProt Secondary Accession #	Q5SDB6; Q65X27; Q7FPX2; Q94HL5
UniProt Related Accession #	Q0DLD3

GenBank Nucleotide #	XM_015785148.1
NCBI Official Full Name	transcription initiation factor IIA subunit 2
NCBI Official Symbol	LOC4337575
NCBI Official Synonym Symbols	XA5; TFIIAy
UniProt Protein Name	Transcription initiation factor IIA subunit 2
UniProt Synonym Protein Names	General transcription factor IIA subunit 2; Transcription initiation factor IIA gamma chain; TFIIA-gamma
UniProt Gene Name	TFIIAy
UniProt Synonym Gene Names	XA5; TFIIA-gamma
NCBI Protein Information	transcription initiation factor IIA subunit 2
UniProt Comments for TFIIAy	TFIIA is a component of the transcription machinery of RNA polymerase II and plays an important role in transcriptional activation. TFIIA in a complex with TBP mediates transcriptional activity (). Protein involved in the resistance to X.oryzae.
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