DNA-Directed RNA Polymerase II Subunit RPB9 (RPB9) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerase II subunit RPB9 (RPB9), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii DNA-directed RNA polymerase II subunit RPB9 (RPB9)
Product Gene Name	RPB9 recombinant protein
Product Synonym Gene Name	RPB9; AFL088W
Product Synonym Names	DNA-directed RNA polymerase II subunit RPB9; RNA polymerase II subunit B9; DNA-directed RNA polymerase II subunit 9
Sequence	MTTFRFCRDC NNMLYPREDK EEQRLLFECR TCTYAEEAGT PLVYRHELIT NIGETAGVVQ DIGSDPTLPR SDRECPRCHS HDNVFFQSQQ RRRDTSMVLF FVCLGCSHIF TSDQKNKRTT FS
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	14,283 Da
Sequence Positions	1-122aa; 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 Q755B3
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPB9 recombinant protein	MBS1357342 is a recombinant protein targeting RPB9. Also known as Recombinant Ashbya gossypii DNA-directed RNA polymerase II subunit RPB9 (RPB9). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPB9 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 RPB9. It may not necessarily be applicable to this product.

NCBI GI #	45198431
NCBI GeneID	4621687
NCBI Accession #	NP_985460.1
UniProt Primary Accession #	Q755B3

UniProt Related Accession #	Q755B3
GenBank Nucleotide #	NM_210814.1
NCBI Official Full Name	AFL088Wp
NCBI Official Symbol	AGOS_AFL088W
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB9
UniProt Synonym Protein Names	DNA-directed RNA polymerase II subunit 9
Protein Family	DNA-directed RNA polymerase
UniProt Gene Name	RPB9
UniProt Synonym Gene Names	RNA polymerase II subunit B9
UniProt Entry Name	RPB9_ASHGO
NCBI Protein Information	AFL088Wp
UniProt Comments for RPB9	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB9 is part of the upper jaw surrounding the central large cleft and thought to grab the incoming DNA template. Involved in the regulation of transcription elongation ().
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