DNA-Directed RNA Polymerases I, II, and III Subunit RPABC5 (LOC106362148) Brassica Napus Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA-directed RNA polymerases I, II, and III subunit RPABC5 (LOC106362148), Recombinant Protein
Full Product Name	Recombinant Brassica napus DNA-directed RNA polymerases I, II, and III subunit RPABC5
Product Gene Name	LOC106362148 recombinant protein
Sequence	MIIPVRCFTC GKVIGNKWDA YLDLLQLDYT EGDALDALNL VRYCCRRMLM THVDLIEKLL NYNTLEKSDN S
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	8,244 Da
Sequence Positions	1-71, 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 Q39290
Species	Brassica napus (Rape)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC106362148 recombinant protein	MBS1355121 is a recombinant protein targeting LOC106362148. Also known as Recombinant Brassica napus DNA-directed RNA polymerases I, II, and III subunit RPABC5. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC106362148 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 LOC106362148. It may not necessarily be applicable to this product.

NCBI GI #	923693794
NCBI GeneID	106362148
NCBI Accession #	XP_013657438.1
UniProt Primary Accession #	Q39290
GenBank Nucleotide #	XM_013801984.2
NCBI Official Full Name	DNA-directed RNA polymerases I, II, and III subunit RPABC5

NCBI Official Symbol	LOC106362148
UniProt Protein Name	DNA-directed RNA polymerases I, II, and III subunit RPABC5
UniProt Synonym Protein Names	ABC10; DNA-directed RNA polymerase III subunit L; RPB10 homolog
Protein Family	DNA-directed RNA polymerases
UniProt Gene Name	RNA polymerases I, II, and III subunit ABC5
UniProt Synonym Gene Names	RNA polymerases I, II, and III subunit ABC5
NCBI Protein Information	DNA-directed RNA polymerases I, II, and III subunit RPABC5
UniProt Comments for LOC106362148	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and a small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, RBP10 is part of the core element with the central large cleft ().
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