RNA-Dependent RNA Polymerase (pc1) Rice Stripe Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA-dependent RNA polymerase (pc1), Recombinant Protein
Full Product Name	Recombinant Rice stripe virus RNA-dependent RNA polymerase (pc1), partial
Product Gene Name	pc1 recombinant protein
Product Synonym Gene Name	pc1
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	336,877 Da
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 Q85431
Species	Rice stripe virus (isolate T) (RSV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pc1 recombinant protein	MBS1356276 is a recombinant protein targeting pc1. Also known as Recombinant Rice stripe virus RNA-dependent RNA polymerase (pc1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pc1 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 pc1. It may not necessarily be applicable to this product.

NCBI GI #	20428590
NCBI GeneID	962685
NCBI Accession #	NP_620522.1
UniProt Primary Accession #	Q85431
GenBank Nucleotide #	NC_003755.1
NCBI Official Full Name	RNA Polymerase
NCBI Official Symbol	RiSVs1gp1
UniProt Protein Name	RNA-dependent RNA polymerase
UniProt Synonym Protein Names	Replicase; Transcriptase

UniProt Gene Name	pc1
NCBI Protein Information	RNA Polymerase
UniProt Comments for pc1	RNA-dependent RNA polymerase which is responsible for replication and transcription of the viral RNA genome. The replicase function is to direct synthesis of antigenomic and genomic RNA which are encapsidated and non capped.
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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