RNA-Directed RNA Polymerase (ORF1) Pothos Latent Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA-directed RNA polymerase (ORF1), Recombinant Protein
Full Product Name	Recombinant Pothos latent virus RNA-directed RNA polymerase (ORF1)
Product Gene Name	ORF1 recombinant protein
Product Synonym Names	RNA-directed RNA polymerase; EC=2.7.7.48; Protein p84Cleaved into the following chain:; 1. Protein p25
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	83,699 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 Q9IWA0
Species	Pothos latent virus (isolate Pigeonpea/India) (PoLV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ORF1 recombinant protein	MBS1335865 is a recombinant protein targeting ORF1. Also known as Recombinant Pothos latent virus RNA-directed RNA polymerase (ORF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ORF1 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 ORF1. It may not necessarily be applicable to this product.

NCBI GI #	82005975
NCBI Accession #	Q9IWA0.1
UniProt Primary Accession #	Q9IWA0
UniProt Secondary Accession #	Q9QBU4
NCBI Official Full Name	RNA-directed RNA polymerase
UniProt Protein Name	RNA-directed RNA polymerase
UniProt Synonym Protein Names	Protein p84Cleaved into the following chain:Protein p25
Protein Family	Capsid protein
UniProt Gene Name	ORF1

UniProt Entry Name	RDRP_POLVP
UniProt Comments for ORF1	RNA-dependent RNA polymerase that plays an essential role in the virus replication.
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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