RNA Silencing Suppressor P14 (ORF4) Pothos Latent Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA silencing suppressor p14 (ORF4), Recombinant Protein
Full Product Name	Recombinant Pothos latent virus RNA silencing suppressor p14 (ORF4)
Product Gene Name	ORF4 recombinant protein
Product Synonym Names	RNA silencing suppressor p14
Sequence	MENSQTGVLC PNRCQVCSHT TYIRESSGQG GRQACRFTRF VTQPRVVSEQ GIQYRSWLSD RGFPATLLST SGGLSTTIRG HGVAVTIQGD SKSLLNFCRV AYDVFHHPVV QSEVCHGSGP ATSDEITTKF
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	14,183 Da
Sequence Positions	1-130aa; 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 Q9QBU1
Species	Pothos latent virus (isolate Pigeonpea/India) (PoLV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ORF4 recombinant protein	MBS1380160 is a recombinant protein targeting ORF4. Also known as Recombinant Pothos latent virus RNA silencing suppressor p14 (ORF4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ORF4 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 ORF4. It may not necessarily be applicable to this product.

NCBI GI #	81976982
NCBI Accession #	Q9QBU1.1
UniProt Primary Accession #	Q9QBU1
NCBI Official Full Name	RNA silencing suppressor p14
UniProt Protein Name	RNA silencing suppressor p14
Protein Family	64 kDa protein

UniProt Gene Name	ORF4
UniProt Entry Name	P14_POLVP
UniProt Comments for ORF4	Acts as a suppressor of RNA-mediated gene silencing, also known as post-transcriptional gene silencing (PTGS), a mechanism of plant viral defense that limits the accumulation of viral RNAs. Binds to dsRNAs without size specificity.
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