Probable Suppressor of RNA Silencing (ORF7) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable suppressor of RNA silencing (ORF7), Recombinant Protein
Full Product Name	Recombinant Beet necrotic yellow vein virus Probable suppressor of RNA silencing (ORF7)
Product Gene Name	ORF7 recombinant protein
Product Synonym Gene Name	ORF7
Sequence	MSMGMVDSLC VFVGRVITEG SESVEGVERF SIKFSDWKLF TTAVYVEYRQ LGEKECSLKD VGRLHFNMSC VKCCQKLKCK KQNKNHSKHV QNGYLRKVRN FSILGVCGDC CESFTLADEK HHVIVDPEV
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	14,703 Da
Sequence Positions	1-129, 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 Q65677
Species	Beet necrotic yellow vein virus (isolate Japan/S) (BNYVV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ORF7 recombinant protein	MBS1318277 is a recombinant protein targeting ORF7. Also known as Recombinant Beet necrotic yellow vein virus Probable suppressor of RNA silencing (ORF7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ORF7 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 ORF7. It may not necessarily be applicable to this product.

NCBI GI #	19919914
NCBI GeneID	991087
NCBI Accession #	NP_612620.1
UniProt Primary Accession #	Q65677
GenBank Nucleotide #	NC_003515.1
NCBI Official Full Name	14k protein

NCBI Official Symbol	BNYVVs2gp6
UniProt Protein Name	Probable suppressor of RNA silencing
UniProt Synonym Protein Names	14kD cysteine rich protein; P14
Protein Family	20 kDa protein
UniProt Gene Name	ORF7
UniProt Synonym Gene Names	P14
NCBI Protein Information	14k protein
UniProt Comments for ORF7	Suppressor of RNA-mediated gene silencing, also known as post-transcriptional gene silencing (PTGS), a mechanism of plant viral defense that performs sequence-specific inhibition of viral mRNAs expression.
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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