Uncharacterized Protein ORF103 (ORF103) Acidianus Bottle-Shaped Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein ORF103 (ORF103), Recombinant Protein
Full Product Name	Recombinant Acidianus bottle-shaped virus Uncharacterized protein ORF103 (ORF103)
Product Gene Name	ORF103 recombinant protein
Product Synonym Names	Recombinant Uncharacterized protein ORF103 (ORF103); Uncharacterized protein ORF103
Sequence	MKYSSTLSYT LIVHTTSSTN CKEYLNYCKV TSMDPFVSMF QTFLEVLTAT VLAFTAYEAY ERRMERQEKG EAMRDLIDLH RMRTIGDVIE KQEETKEKQA QGK
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	12,036 Da
Sequence Positions	1-103
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.
Chromosome Location	NC_009452.1 (12530..12841). Location: isolation source: hot acidic (93degC, pH1.5) spring, country: Italy: Pozzuoli
3D Structure	ModBase 3D Structure for A4ZUB5
Species	Acidianus bottle-shaped virus (isolate Italy/Pozzuoli) (ABV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ORF103 recombinant protein	MBS1257568 is a recombinant protein targeting ORF103. Also known as Recombinant Acidianus bottle-shaped virus Uncharacterized protein ORF103 (ORF103). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ORF103 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 ORF103. It may not necessarily be applicable to this product.

NCBI GI #	146411840
NCBI GeneID	5129811
NCBI Accession #	YP_001210333.1
UniProt Primary Accession #	A4ZUB5
UniProt Secondary Accession #	A4ZUB6

GenBank Nucleotide #	NC_009452.1
NCBI Official Full Name	hypothetical protein ABV_gp29
NCBI Official Symbol	ORF103
UniProt Protein Name	Uncharacterized protein ORF103
Protein Family	Putative transmembrane protein
UniProt Entry Name	Y103_ABVP
NCBI Protein Information	hypothetical protein
UniProt Comments for ORF103	Subcellular location: Host membrane; Single-pass membrane protein Potential. Sequence caution: The sequence ABP73420.1 differs from that shown. Reason: Erroneous initiation.
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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