Replication Enhancer Protein (AC3, AL3) (AC3, AL3) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replication enhancer protein (AC3, AL3), Recombinant Protein
Full Product Name	Recombinant Bean golden yellow mosaic virus Replication enhancer protein (AC3, AL3)
Product Gene Name	AC3, AL3 recombinant protein
Product Synonym Names	Replication enhancer protein; REn; 15.6 kDa protein; Protein AC3; Protein AL3
Sequence	MDSRTGENIT AHQAENSVFI WEVPNPLYFK IMRVEDPAYT RTRIYHIQIR FNHNLRKALD LHKAFLNFQV WTTSIQASGT TYLNRFRLLV LLYLHRLGVI GINNVIRAVQ FATNKSYVNT VLENHDIKYK FY
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	15,647 Da
Sequence Positions	1-132aa; 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 P0CK35
Species	Bean golden yellow mosaic virus (isolate Puerto Rico) (BGYMV) (Bean golden mosaic virus (isolate Puerto Rico))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AC3, AL3 recombinant protein	MBS1233416 is a recombinant protein targeting AC3, AL3. Also known as Recombinant Bean golden yellow mosaic virus Replication enhancer protein (AC3, AL3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AC3, AL3 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 AC3, AL3. It may not necessarily be applicable to this product.

NCBI GI #	378522999
NCBI Accession #	P0CK35.1
UniProt Primary Accession #	P0CK35
UniProt Secondary Accession #	P05173; Q67581
NCBI Official Full Name	Replication enhancer protein
UniProt Protein Name	Replication enhancer protein

UniProt Synonym Protein Names	15.6 kDa protein; Protein AC3; Protein AL3
UniProt Gene Name	AC3
UniProt Synonym Gene Names	REn
UniProt Entry Name	REN_BGYMV
UniProt Comments for AC3, AL3	Increases viral DNA accumulation. Enhances infectivity and symptom 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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