Replication Enhancer Protein (AC3, AL3) (AC3, AL3) Mungbean Yellow Mosaic Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Replication enhancer protein (AC3, AL3), Recombinant Protein
Full Product Name	Recombinant Mungbean yellow mosaic virus Replication enhancer protein (AC3, AL3)
Product Gene Name	AC3, AL3 recombinant protein
Product Synonym Names	Replication enhancer protein; REn; Protein AC3; Protein AL3
Sequence	MDFRTGDNIT AAQLKNGVFI WEVRNPLSFK IMQHRQIRPG SQMYVTQIRI MFNHGLKKAL LMHKCFLDLT LYHYLTATSG MILSTFSDQL FRYLNNLGVI SIGNVLKGAS HILYEKLHHV EDVSLTHNVQ YKLY
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	15,572 Da
Sequence Positions	1-134aa; 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 Q9YPS4
Species	Mungbean yellow mosaic virus (strain Vigna) (MYMV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AC3, AL3 recombinant protein	MBS1352880 is a recombinant protein targeting AC3, AL3. Also known as Recombinant Mungbean 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 #	81981935
NCBI Accession #	Q9YPS4.1
UniProt Primary Accession #	Q9YPS4
NCBI Official Full Name	Replication enhancer protein
UniProt Protein Name	Replication enhancer protein

UniProt Synonym Protein Names	Protein AC3; Protein AL3
UniProt Gene Name	AC3
UniProt Synonym Gene Names	REn
UniProt Entry Name	REN_MYMVV
UniProt Comments for AC3, AL3	Increases viral DNA accumulation. Enhances infectivity and symptom expression ().
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