Major Capsid Protein (gag) Saccharomyces Cerevisiae Virus L-Bc Recombinant Protein

PRODUCT OVERVIEW

Product Name	Major capsid protein (gag), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae virus L-BC Major capsid protein (gag), partial
Product Gene Name	gag recombinant protein
Product Synonym Gene Name	gag
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	171,449 Da
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 Q87026
Species	Saccharomyces cerevisiae virus L-BC (ScV-L-BC) (ScVLa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gag recombinant protein	MBS1454645 is a recombinant protein targeting gag. Also known as Recombinant Saccharomyces cerevisiae virus L-BC Major capsid protein (gag), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gag 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 gag. It may not necessarily be applicable to this product.

NCBI GI #	9627981
NCBI GeneID	1403711
NCBI Accession #	NP_042580.1
UniProt Primary Accession #	Q87026
UniProt Related Accession #	Q87026
GenBank Nucleotide #	NC_001641.1
NCBI Official Full Name	capsid
NCBI Official Symbol	cap
UniProt Protein Name	Major capsid protein

UniProt Synonym Protein Names	Gag protein; Major coat protein
Protein Family	Core protein
UniProt Gene Name	gag
NCBI Protein Information	capsid
UniProt Comments for gag	Capsid protein self-assembles to form an icosahedral capsid with a T=2 symmetry, about 40 nm in diameter, and consisting of 60 capsid proteins asymmetric dimers. The capsid encapsulates the genomic dsRNA and the polymerase and remains intact following cell entry to protect the dsRNA from degradation and to prevent unfavorable antiviral responses in the host cell during all the replication cycle of the virus. Nascent transcripts are transcribed within the structural confines of the virion and are extruded into the cytoplasm ().
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