Gag Polyprotein (gag) Human T-Cell Leukemia Virus 3 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Gag polyprotein (gag), Recombinant Protein
Full Product Name	Recombinant Human T-cell leukemia virus 3 Gag polyprotein (gag)
Product Gene Name	gag recombinant protein
Product Synonym Gene Name	gag
Sequence	GKTYSSPINP IPKAPKGLAI HHWLNFLQAA YRLQPGPSEF DFHQLRKFLK LAIKTPVWLN PINYSVLAGL IPKNYPGRVH EIVAILIQET PAREAPPSAP LAEDPQKPPP YPEQAQEASQ CL
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	64,421 Da
Sequence Positions	2-123, 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 Q0R5R4
Species	Human T-cell leukemia virus 3 (strain 2026ND) (HTLV-3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gag recombinant protein	MBS1470451 is a recombinant protein targeting gag. Also known as Recombinant Human T-cell leukemia virus 3 Gag polyprotein (gag). 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 #	117940176
NCBI Accession #	Q0R5R4.3
UniProt Primary Accession #	Q0R5R4
NCBI Official Full Name	Gag polyprotein
UniProt Protein Name	Gag polyprotein
UniProt Synonym Protein Names	Pr53Gag

Protein Family	Core protein
UniProt Gene Name	gag
UniProt Synonym Gene Names	MA; CA; NC-gag
UniProt Comments for gag	Matrix protein p19 targets Gag, Gag-Pro and Gag-Pro-Pol polyproteins to the plasma membrane via a multipartite membrane binding signal, that includes its myristoylated N-terminus. Also mediates nuclear localization of the preintegration complex ().
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