Nucleoprotein (NP) Reston Ebolavirus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleoprotein (NP), Recombinant Protein
Full Product Name	Recombinant Reston ebolavirus Nucleoprotein (NP), partial
Product Gene Name	NP recombinant protein
Product Synonym Gene Name	NP
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	83,453 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 Q8JPY1
Species	Reston ebolavirus (strain Reston-89) (REBOV) (Reston Ebola virus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for NP recombinant protein	MBS1348484 is a recombinant protein targeting NP. Also known as Recombinant Reston ebolavirus Nucleoprotein (NP), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of NP 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 NP. It may not necessarily be applicable to this product.

NCBI GI #	22789223
NCBI GeneID	955194
NCBI Accession #	NP_690580.1
UniProt Primary Accession #	Q8JPY1
UniProt Secondary Accession #	Q5UAL1
GenBank Nucleotide #	NC_004161.1
NCBI Official Full Name	nucleoprotein
NCBI Official Symbol	NP
UniProt Protein Name	Nucleoprotein

UniProt Synonym Protein Names	Nucleocapsid protein; Protein N
Protein Family	Nucleocapsid protein
UniProt Gene Name	NP
UniProt Synonym Gene Names	Protein N
NCBI Protein Information	nucleoprotein
UniProt Comments for NP	Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid and serves as template for transcription and replication. During replication, encapsidation by NP is coupled to RNA synthesis and all replicative products are resistant to nucleases ().
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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