Ephemeral Fever Virus Non-Structural Glycoprotein GNS (GNS) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	ephemeral fever virus Non-structural glycoprotein GNS (GNS), Recombinant Protein
Full Product Name	Recombinant Bovine ephemeral fever virus Non-structural glycoprotein GNS (GNS), partial
Product Gene Name	GNS recombinant protein
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	68,812 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 P32596
Species	Bovineephemeral fever virus (strain BB7721) (BEFV)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GNS recombinant protein	MBS1130984 is a recombinant protein targeting GNS. Also known as Recombinant Bovine ephemeral fever virus Non-structural glycoprotein GNS (GNS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GNS 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 GNS. It may not necessarily be applicable to this product.

NCBI GI #	10086567
NCBI GeneID	911730
NCBI Accession #	NP_065403.1
UniProt Primary Accession #	P32596
UniProt Secondary Accession #	Q77N35
GenBank Nucleotide #	NC_002526.1
NCBI Official Full Name	non-structural transmembrane glycoprotein GNS
NCBI Official Symbol	GNS
UniProt Protein Name	Non-structural glycoprotein GNS

Protein Family	N-acetylglucosamine-6-sulfatase
UniProt Gene Name	GNS
NCBI Protein Information	class 1 transmembrane glycoprotein
Research Articles on GNS	**1.** The highly protective characteristics of the native BEFV G and GNS proteins suggest it may be a useful vaccine antigen.
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