Transcription Antitermination Protein Nusg (nusG) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription antitermination protein NusG (nusG), Recombinant Protein
Full Product Name	Recombinant Campylobacter jejuni subsp. jejuni serotype O:2 Transcription antitermination protein NusG (nusG)
Product Gene Name	nusG recombinant protein
Product Synonym Gene Name	nusG
Sequence	MSTHKWYAIQ TYAGSEMAVK RAIENLVKDN GIEEQLKEIV VPTEDVIEFK NGKEKISERS LYSGYVFALL DLNTELWHRI QSLPKVGRFI GESKKPTPLT EKDINLILEK VHNRAAPKPK ISFEEGENVR ITEGPFANFT AIVEEYDMVR GLLKLNVSIF GRSTPVEILY SQVEKII
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	20,195 Da
Sequence Positions	1-177, 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 Q9PI36
Species	Campylobacter jejuni subsp. jejuni serotype O:2 (strain 11168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nusG recombinant protein	MBS1338518 is a recombinant protein targeting nusG. Also known as Recombinant Campylobacter jejuni subsp. jejuni serotype O:2 Transcription antitermination protein NusG (nusG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nusG 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 nusG. It may not necessarily be applicable to this product.

NCBI GI #	488940023
NCBI Accession #	WP_002851098.1
UniProt Primary Accession #	Q9PI36
UniProt Secondary Accession #	Q0PB40
GenBank Nucleotide #	WP_002851098.1

NCBI Official Full Name	MULTISPECIES: transcription termination/antitermination protein NusG
UniProt Protein Name	Transcription termination/antitermination protein NusG
Protein Family	Transcription termination/antitermination protein
UniProt Gene Name	nusG
UniProt Comments for nusG	Participates in transcription elongation, termination and antitermination.
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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