GDP-Mannose Pyrophosphatase Nudk (nudK) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDP-mannose pyrophosphatase nudK (nudK), Recombinant Protein
Full Product Name	Recombinant Escherichia coli GDP-mannose pyrophosphatase nudK (nudK)
Product Gene Name	nudK recombinant protein
Sequence	MTQQITLIKD KILSDNYFTL HNITYDLTRK DGEVIRHKRE VYDRGNGATI LLYNTKKKTV VLIRQFRVAT WVNGNESGQL IESCAGLLDN DEPEVCIRKE AIEETGYEVG EVRKLFELYM SPGGVTELIH FFIAEYSDNQ RANAGGGVED EDIEVLELPF SQALEMIKTG EIRDGKTVLL LNYLQTSHLM D
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	21,749 Da
Sequence Positions	1-191, 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 B1XAD8
Species	Escherichia coli (strain K12 / DH10B)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nudK recombinant protein	MBS1232278 is a recombinant protein targeting nudK. Also known as Recombinant Escherichia coli GDP-mannose pyrophosphatase nudK (nudK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nudK 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 nudK. It may not necessarily be applicable to this product.

NCBI GI #	485656685
NCBI Accession #	WP_001300814.1
UniProt Primary Accession #	B1XAD8
GenBank Nucleotide #	WP_001300814.1
NCBI Official Full Name	MULTISPECIES: GDP-mannose pyrophosphatase NudK
UniProt Protein Name	GDP-mannose pyrophosphatase NudK
Protein Family	GDP-mannose pyrophosphatase

UniProt Gene Name	nudK
UniProt Comments for nudK	Catalyzes the hydrolysis of GDP-mannose.
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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