Nucleoside Permease Nupc (nupC) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nucleoside permease nupC (nupC), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 Nucleoside permease nupC (nupC), partial
Product Gene Name	nupC recombinant protein
Sequence	MDRVLHFVLA LAVVAILALL VSSDRKKIRI RYVIQLLVIE VLLAWFFLNS DVGLGFVKGF SEMFEKLLGF ANEGTNFVFG SMNDQGLAFF FLKVLCPIVF ISALIGILQH IRVLPVIIRA IGFLLSKVNG MGKLESFNAV SSLILGQSEN FIAYKDILGK ISRNRMYTMA ATAMSTVSMS IVGAYMTMLE PKYVVAALVL NMFSTFIVLS LINPYRVDAS EENIQMSNLH EGQSFFEMLG EYILAGFKVA IIVAAMLIGF IALIAALNAL FATVTGWFGY SISFQGILGY IFYPIAWVMG VPSSEALQVG SIMATKLVSN EFVAMMDLQK IASTLSPRAE GIISVFLVSF ANFSSIGIIA GAVKGLNEEQ GNVVSRFGLK LVYGSTLVSV LSASIAALVL
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	43,476 Da
Sequence Positions	1-400
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 P0AFF3
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nupC recombinant protein	MBS1258600 is a recombinant protein targeting nupC. Also known as Recombinant Escherichia coli O6 Nucleoside permease nupC (nupC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nupC 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 nupC. It may not necessarily be applicable to this product.

NCBI GI #	446298482
NCBI Accession #	WP_000376337.1
UniProt Primary Accession #	P0AFF3
UniProt Secondary Accession #	P33031; P77236
GenBank Nucleotide #	WP_000376337.1

NCBI Official Full Name	MULTISPECIES: nucleoside permease NupC
UniProt Protein Name	Nucleoside permease NupC
UniProt Synonym Protein Names	Nucleoside-transport system protein NupC
Protein Family	Nucleoside permease
UniProt Gene Name	nupC
UniProt Comments for nupC	Transports nucleosides with a high affinity except guanosine and deoxyguanosine. Driven by a proton motive force.
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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