Putative Sialic Acid Transporter (nanT) Salmonella Newport Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative sialic acid transporter (nanT), Recombinant Protein
Full Product Name	Recombinant Salmonella newport Putative sialic acid transporter (nanT), partial
Product Gene Name	nanT recombinant protein
Sequence	MSTSTQNIPW YRHLNRAQWR AFSAAWLGYL LDGFDFVLIA LVLTEVQSEF GLTTVQAASL ISAAFISRWF GGLLLGAMGD RYGRRLAMVS SIILFSVGTL ACGFAPGYTT MFIARLVIGM GMAGEYGSSA TYVIESWPKH LRNKASGFLI SGFSVGAVVA AQVYSLVVPV WGWRALFFIG ILPIIFALWL RKNIPEAEDW KEKHAGKAPV RTMVDILYRG EHRIINILMT FAAAAALWFC FAGNLQNAAI VAGLGLLCAV IFISFMVQSS GKRWPTGVML MLVVLFAFLY SWPIQALLPT YLKTELAYDP HTVANVLFFS GFGAAVGCCV GGFLGDWLGT RKAYVCSLLA SQILIIPVFA IGGTNVWVLG LLLFFQQMLG QGIAGILPKL IGGYFDTDQR AAGLGFTYNV GALGGALAPI LGALIAQRLD LGTALASLSF SLTFVVILLI GLDMPSRVQR WLRPEALRTH DAIDDKPFSG AVPLGSGKGA FVKTKS
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	53,629 Da
Sequence Positions	1-496
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 B4T749
Species	Salmonella newport (strain SL254)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nanT recombinant protein	MBS1254455 is a recombinant protein targeting nanT. Also known as Recombinant Salmonella newport Putative sialic acid transporter (nanT), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nanT 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 nanT. It may not necessarily be applicable to this product.

NCBI GI #	446030216
NCBI Accession #	WP_000108071.1
UniProt Primary Accession #	B4T749
GenBank Nucleotide #	WP_000108071.1
NCBI Official Full Name	MFS transporter

UniProt Protein Name	Sialic acid transporter NanT
UniProt Synonym Protein Names	Sialic acid permease
Protein Family	Putative sialic acid transporter
UniProt Gene Name	nanT
UniProt Comments for nanT	Catalyzes the proton-dependent transport of sialic acid.
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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