Nitrogen Regulatory Protein (ptsN) Klebsiella Oxytoca Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nitrogen regulatory protein (ptsN), Recombinant Protein
Full Product Name	Recombinant Klebsiella oxytoca Nitrogen regulatory protein (ptsN)
Product Gene Name	ptsN recombinant protein
Sequence	MINNDSALQL SNVLNQECTR SQVHCQSKKR ALEIISELAA KQLGLSSQIV FEAILTREKM GSTGIGNGIA IPHGKLEEDT LRAVGVFVQL ETPIAFDAID NQPVDLLFAL LVPADQTKTH LHTLSLVAKR LADKTICRRL RAAQSDEELY EIITEAGSNN EA
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	17,720 Da
Sequence Positions	1-162, 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 P17162
Species	Klebsiella oxytoca
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ptsN recombinant protein	MBS1215792 is a recombinant protein targeting ptsN. Also known as Recombinant Klebsiella oxytoca Nitrogen regulatory protein (ptsN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ptsN 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 ptsN. It may not necessarily be applicable to this product.

NCBI GI #	490227363
NCBI Accession #	WP_004125714.1
UniProt Primary Accession #	P17162
GenBank Nucleotide #	WP_004125714.1
NCBI Official Full Name	MULTISPECIES: PTS IIA-like nitrogen regulatory protein PtsN
UniProt Protein Name	Nitrogen regulatory protein

UniProt Synonym Protein Names	Enzyme IIA-NTRIncluding the following 1 domains:Phosphotransferase enzyme IIA componentAlternative name(s):PTS system EIIA component
Protein Family	Nitrogen regulatory protein
UniProt Gene Name	ptsN
UniProt Comments for ptsN	Seems to have a role in regulating nitrogen assimilation.
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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