D-Ribose Pyranase (rbsD) Streptococcus Agalactiae Serotype III Recombinant Protein

PRODUCT OVERVIEW

Product Name	D-ribose pyranase (rbsD), Recombinant Protein
Full Product Name	Recombinant Streptococcus agalactiae serotype III D-ribose pyranase (rbsD)
Product Gene Name	rbsD recombinant protein
Product Synonym Gene Name	rbsD
Sequence	MKKTGILNSH LAKLADDLGH TDRVCIGDLG LPVPNGIPKI DLSLTSGIPS FQEVLDIYLE NILVEKVILA EEIKEANPDQ LSRLLAKLDN SVSIEYVSHD HLKQMTQDVK AVIRTGENTP YSNIILQSGV II
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	14,483 Da
Sequence Positions	1-132, 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 Q8E7N8
Species	Streptococcus agalactiae serotype III
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rbsD recombinant protein	MBS1332489 is a recombinant protein targeting rbsD. Also known as Recombinant Streptococcus agalactiae serotype III D-ribose pyranase (rbsD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rbsD 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 rbsD. It may not necessarily be applicable to this product.

NCBI GI #	446673396
NCBI Accession #	WP_000750742.1
UniProt Primary Accession #	Q8E7N8
GenBank Nucleotide #	WP_000750742.1
NCBI Official Full Name	MULTISPECIES: D-ribose pyranase
UniProt Protein Name	D-ribose pyranase

Protein Family	D-ribose pyranase
UniProt Gene Name	rbsD
UniProt Comments for rbsD	Catalyzes the interconversion of beta-pyran and beta-furan forms of D-ribose.
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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