Ribose Import ATP-Binding Protein Rbsa (rbsA) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribose import ATP-binding protein RbsA (rbsA), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae Ribose import ATP-binding protein RbsA (rbsA)
Product Gene Name	rbsA recombinant protein
Sequence	METLLKISGV DKSFPGVKAL NNACLSVYAG RVMALMGENG AGKSTLMKVL TGIYSKDAGT IEYLNRSVNF NGPKASQEAG ISIIHQELNL VGNLTIAENI FLGREFKTSW GAINWQKMHQ EADKLLARLG VTHSSKQLCA ELSIGEQQMV EIAKALSFES KVIIMDEPTD ALTDTETEAL FNVIRELKAE NRGIVYISHR LKEIFQICDD VTVLRDGQFI GERVMAEITE DDLIEMMVGR RLDEQYPHLS QEKGECVLDV KHVSGSGIDD VSFKLHAGEI VGVSGLMGAG RTELGKLLYG ALPKTAGKVR LKNQEIENRS PQDGLDNGIV YISEDRKGDG LVLGMSVKEN MSLTSLDHFS QKGGIRHQAE KMAVDDFILM FNIKTPNRDQ QVGLLSGGNQ QKVAIARGLM TRPNVLILDE PTRGVDVGAK KEIYQLINEF KKEGLSILMI SSDMPEVLGM SDRVLVMREG KISAEFSREE ATQEKLLAAA IGK
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	54,157 Da
Sequence Positions	1-493, 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 P44735
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rbsA recombinant protein	MBS1233410 is a recombinant protein targeting rbsA. Also known as Recombinant Haemophilus influenzae Ribose import ATP-binding protein RbsA (rbsA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rbsA 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 rbsA. It may not necessarily be applicable to this product.

NCBI GI #	16272446
NCBI GeneID	950602
NCBI Accession #	NP_438660.1
UniProt Primary Accession #	P44735

UniProt Related Accession #	P44735
GenBank Nucleotide #	NC_000907.1
NCBI Official Full Name	D-ribose transporter ATP binding protein
NCBI Official Symbol	rbsA
UniProt Protein Name	Ribose import ATP-binding protein RbsA
Protein Family	Ribose import ATP-binding protein
UniProt Gene Name	rbsA
NCBI Protein Information	D-ribose transporter ATP binding protein
UniProt Comments for rbsA	Part of the ABC transporter complex RbsABC involved in ribose import. Responsible for energy coupling to the transport system.
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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