HTH-Type Transcriptional Regulator Sarx (sarX) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator sarX (sarX), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus HTH-type transcriptional regulator sarX (sarX)
Product Gene Name	sarX recombinant protein
Product Synonym Gene Name	sarX
Sequence	MNTEKLETLL GFYKQYKALS EYIDKKYKLS LNDLAVLDLT MKHCKDEKVL MQSFLKTAMD ELDLSRTKLL VSIRRLIEKE RLSKVRSSKD ERKIYIYLND DDISKFNALF EDVEQFLNI
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	14,180 Da
Sequence Positions	1-119, 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 Q6GJ03
Species	Staphylococcus aureus (strain MRSA252)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sarX recombinant protein	MBS1438603 is a recombinant protein targeting sarX. Also known as Recombinant Staphylococcus aureus HTH-type transcriptional regulator sarX (sarX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sarX 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 sarX. It may not necessarily be applicable to this product.

NCBI GI #	118597369
NCBI Accession #	Q6GJ03.2
UniProt Primary Accession #	Q6GJ03
NCBI Official Full Name	HTH-type transcriptional regulator SarX
UniProt Protein Name	HTH-type transcriptional regulator SarX
UniProt Synonym Protein Names	Staphylococcal accessory regulator X

Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	sarX
UniProt Comments for sarX	Involved in the regulation of virulence genes. Acts as a repressor of the agr locus and consequently targets genes regulated by the agr system such as sspA, hla and hlb. Binds directly to the agr promoter region ().
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