HTH-Type Transcriptional Regulator Sgrr (sgrR) Erwinia Carotovora Subsp. Atroseptica Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator sgrR (sgrR), Recombinant Protein
Full Product Name	Recombinant Erwinia carotovora subsp. atroseptica HTH-type transcriptional regulator sgrR (sgrR), partial
Product Gene Name	sgrR recombinant protein
Product Synonym Gene Name	sgrR
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	64,712 Da
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 Q6D0F8
Species	Erwinia carotovora subsp. atroseptica (Pectobacterium atrosepticum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sgrR recombinant protein	MBS1347936 is a recombinant protein targeting sgrR. Also known as Recombinant Erwinia carotovora subsp. atroseptica HTH-type transcriptional regulator sgrR (sgrR), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sgrR 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 sgrR. It may not necessarily be applicable to this product.

NCBI GI #	499407872
NCBI Accession #	WP_011095339.1
UniProt Primary Accession #	Q6D0F8
GenBank Nucleotide #	WP_011095339.1
NCBI Official Full Name	transcriptional regulator
UniProt Protein Name	HTH-type transcriptional regulator SgrR
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	sgrR

UniProt Comments for sgrR	Activates the small RNA gene sgrS under glucose-phosphate stress conditions as well as yfdZ. Represses its own transcription under both stress and non-stress conditions. Might act as a sensor of the intracellular accumulation of phosphoglucose by binding these molecules in its C-terminal solute-binding domain.
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