Carbon Storage Regulator Homolog (csrA) Geobacillus Kaustophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Carbon storage regulator homolog (csrA), Recombinant Protein
Full Product Name	Recombinant Geobacillus kaustophilus Carbon storage regulator homolog (csrA)
Product Gene Name	csrA recombinant protein
Product Synonym Gene Name	csrA
Sequence	MLVLTRKLKE AIQIGDDIEI TVLVIQGDQV KLGINAPKHV EIHRKEIYLA IQAENNAASF ASKTSLERLT EQLKHLKGGK QA
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	9,116 Da
Sequence Positions	1-82, Full length
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 Q5KV68
Species	Geobacillus kaustophilus (strain HTA426)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for csrA recombinant protein	MBS1337138 is a recombinant protein targeting csrA. Also known as Recombinant Geobacillus kaustophilus Carbon storage regulator homolog (csrA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of csrA 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 csrA. It may not necessarily be applicable to this product.

NCBI GI #	499551820
NCBI Accession #	WP_011232603.1
UniProt Primary Accession #	Q5KV68
GenBank Nucleotide #	WP_011232603.1
NCBI Official Full Name	carbon storage regulator
UniProt Protein Name	Translational regulator CsrA

Protein Family	Carbon storage regulator
UniProt Gene Name	csrA
UniProt Comments for csrA	A translational regulator that binds mRNA to regulate translation initiation and/or mRNA stability. Usually binds in the 5'-UTR at or near the Shine-Dalgarno sequence preventing ribosome-binding, thus repressing translation. Its main target seems to be the major flagellin gene, while its function is anatagonized by FliW.
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