Heat-Inducible Transcription Repressor Hrca (hrcA) Brevibacillus Brevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Heat-inducible transcription repressor HrcA (hrcA), Recombinant Protein
Full Product Name	Recombinant Brevibacillus brevis Heat-inducible transcription repressor HrcA (hrcA)
Product Gene Name	hrcA recombinant protein
Sequence	MLSDRQQMIL NAIVDNYIHS AEPVGSRTIS KRDDIGFSSA TIRNEMSDLE ELGYLEQPHT SAGRVPSTKG YRFYVDNLIQ PHLLEETELG KLKQLFAERI LHAEQVVEYT AQILSQLTNY TAIVLGPEIF EHRLKHIQIV PLNAEQAVAI VVTHTGRVEN KLIDLPEGIG AGEIEKLVNL LNAKLTDVPL WQLRQRLYQE ISGEMQRHTE QYEEILQLLN NSLTQEEERV YLRGATKIMN QPEFRDVDKV KDILELLEQH DQLMNVIGMQ GDGLTVRIGQ ENQLDAIKQC SIITTSYSLG GKPVGMVGIL GPTRMEYGKV ITVLNHLAEG LSRMLTSQFE K
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	38,581 Da
Sequence Positions	1-341, 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 C0ZB46
Species	Brevibacillus brevis (strain 47 / JCM 6285 / NBRC 100599)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hrcA recombinant protein	MBS1257423 is a recombinant protein targeting hrcA. Also known as Recombinant Brevibacillus brevis Heat-inducible transcription repressor HrcA (hrcA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hrcA 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 hrcA. It may not necessarily be applicable to this product.

NCBI GI #	501989532
NCBI Accession #	WP_012685738.1
UniProt Primary Accession #	C0ZB46
GenBank Nucleotide #	WP_012685738.1
NCBI Official Full Name	MULTISPECIES: HrcA family transcriptional regulator

UniProt Protein Name	Heat-inducible transcription repressor HrcA
Protein Family	Heat-inducible transcription repressor
UniProt Gene Name	hrcA
UniProt Comments for hrcA	Negative regulator of class I heat shock genes (grpE-dnaK-dnaJ and groELS operons). Prevents heat-shock induction of these operons.
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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