Heat-Inducible Transcription Repressor Hrca (hrcA) Oceanobacillus Iheyensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Heat-inducible transcription repressor HrcA (hrcA), Recombinant Protein
Full Product Name	Recombinant Oceanobacillus iheyensis Heat-inducible transcription repressor HrcA (hrcA)
Product Gene Name	hrcA recombinant protein
Product Synonym Gene Name	hrcA
Sequence	MLTERQLIIL QVIIDDFIET AHPIGSRALS KSEYLPYSAA TIRNEMADLE DLGFLEKTHT SSGRIPSEKG YRYYVDHLIG PMNQHEAGIL RKYTDGEFFE FEQVVQMTAE VLSELTNYTS IILGPEMFEA TLKQIQVLTL SDHTAVAILV TSTGHVEHRS FALPEGIASS DLEKLVNILN DRLKGVPIIR LGEVISTEVA QLMHRYMDDF EASFDLLRAF FMNEHPVKLY FGGKSNILMQ PEFNDVDKIR SFYALIEQED EIANLLKNTH QGIKVSIGNE NKVEAIKDLS LITASYHVGD NLMGTIALLG PTRMEYKKVI SLMKGISDEM TNTLDRWYKG DS
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	38,658 Da
Sequence Positions	1-342, 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 Q8EPW3
Species	Oceanobacillus iheyensis (strain DSM 14371 / JCM 11309 / KCTC 3954 / HTE831)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hrcA recombinant protein	MBS1423436 is a recombinant protein targeting hrcA. Also known as Recombinant Oceanobacillus iheyensis 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 #	499378789
NCBI Accession #	WP_011066367.1
UniProt Primary Accession #	Q8EPW3
GenBank Nucleotide #	WP_011066367.1

NCBI Official Full Name	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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