HTH-Type Transcriptional Regulator Cuer (cueR) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator CueR (cueR), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi HTH-type transcriptional regulator CueR (cueR)
Product Gene Name	cueR recombinant protein
Product Synonym Gene Name	cueR
Sequence	MNISDVAKKT GLTSKAIRFY EEKGLVTPPL RSENGYRTYT QKHLNELTLL RQARQVGFNL EECGELVNLF NDPRRHSADV KKRTLEKVAE IERHISELQS MRDQLLAMAE SCPGDDSADC PIIDNLSGCC HHKAQKLR
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	15,682 Da
Sequence Positions	1-138, 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 Q8Z8S3
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cueR recombinant protein	MBS1347095 is a recombinant protein targeting cueR. Also known as Recombinant Salmonella typhi HTH-type transcriptional regulator CueR (cueR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cueR 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 cueR. It may not necessarily be applicable to this product.

NCBI GI #	16759477
NCBI GeneID	1247016
NCBI Accession #	NP_455094.1
UniProt Primary Accession #	Q8Z8S3
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	copper efflux regulator

NCBI Official Symbol	cueR
NCBI Official Synonym Symbols	ybbI
UniProt Protein Name	HTH-type transcriptional regulator CueR
UniProt Synonym Protein Names	Copper efflux regulator; Copper export regulator
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	cueR
NCBI Protein Information	copper efflux regulator
UniProt Comments for cueR	Regulates the transcription of the copA and cueO genes. It detects cytoplasmic copper stress and activates transcription in response to increasing copper concentrations ().
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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