HTH-Type Transcriptional Regulator Citr (citR) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator CitR (citR), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis HTH-type transcriptional regulator CitR (citR)
Product Gene Name	citR recombinant protein
Sequence	MDFKWLHTFV TAAKYENFRK TAETLFLSQP TVTVHIKQLE KEISCKLFER KGRQIQLTDE GRAYLPYALR LLDDYENSMA ELHRVRQGYS QTLQLAVSPL IADTVLPSVM KRYTAMNTET EMAVTIFESA EIASLIKAGE ADIGLSCLKV QSSSLSCHCL YKDPVVLVAP PDKRFIEDNE IDAKEVLEQY LLLTHNHPDY WDDLLRQVRM TFPFVRTMKV TQTHITKRFI KEGLGVSFLP LSTVKRELAE KQMIRIPYQS VQLPYAGAYA IALYENKKEK KFLDFLSHFH F
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	33,667 Da
Sequence Positions	1-291, 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 P39127
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for citR recombinant protein	MBS1162668 is a recombinant protein targeting citR. Also known as Recombinant Bacillus subtilis HTH-type transcriptional regulator CitR (citR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of citR 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 citR. It may not necessarily be applicable to this product.

NCBI GI #	255767223
NCBI GeneID	939267
NCBI Accession #	NP_388824.2
UniProt Primary Accession #	P39127
UniProt Related Accession #	P39127
GenBank Nucleotide #	NC_000964.3

NCBI Official Full Name	LysR family transcriptional regulator
NCBI Official Symbol	citR
UniProt Protein Name	HTH-type transcriptional regulator CitR
UniProt Synonym Protein Names	Citrate synthase I repressor
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	citR
NCBI Protein Information	LysR family transcriptional regulator
UniProt Comments for citR	Negative regulatory protein for the citA gene for citrate synthase I.
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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