HTH-Type Transcriptional Regulator Gadx (gadX) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator gadX (gadX), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 HTH-type transcriptional regulator gadX (gadX)
Product Gene Name	gadX recombinant protein
Product Synonym Gene Name	gadX
Sequence	MQPLHGNCLI AYARHKYILT MVNGEYRYFN GGDLVFADAS QIQVDKCVEN FVLVSRDTLS LFLPMLKEEA LKLHVHKKVP SLLVHHCTRD IPVFQEVAQL SQNKNLRYAE MLRKRALIFA LLSVFLEDTQ FIPLLLNVLQ PNMRTRVCTV INNNIAHEWT LARIASELLM SPSLLKKKLR EEGTSYSQLL TECRMQRALQ LIVIYGVSIK RVAVSCGYHS VSYFIYVFRN YYGMTPTEYQ ERSAQELPNC GSAASMAAQG IFYGTDRSAE GIRL
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	31,306 Da
Sequence Positions	1-274, 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 Q8FCI6
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gadX recombinant protein	MBS1337536 is a recombinant protein targeting gadX. Also known as Recombinant Escherichia coli O6 HTH-type transcriptional regulator gadX (gadX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gadX 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 gadX. It may not necessarily be applicable to this product.

NCBI GI #	447105487
NCBI Accession #	WP_001182743.1
UniProt Primary Accession #	Q8FCI6
GenBank Nucleotide #	WP_001182743.1

NCBI Official Full Name	MULTISPECIES: transcriptional regulator
UniProt Protein Name	HTH-type transcriptional regulator GadX
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	gadX
UniProt Comments for gadX	Positively regulates the expression of about fifteen genes involved in acid resistance such as gadA, gadB and gadC. Depending on the conditions (growth phase and medium), can repress gadW ().
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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