HTH-Type Transcriptional Regulator Hdfr (hdfR) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator hdfR (hdfR), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A HTH-type transcriptional regulator hdfR (hdfR)
Product Gene Name	hdfR recombinant protein
Product Synonym Gene Name	hdfR
Sequence	MDTELLKTFL EVSRTRHFGR AAEALYLTQS AVSFRIRQLE NQLGVNLFTR HRNNIRLTTA GEKLLPYAET LMNTWQAARK EVAHTSRHNE FSIGASASLW ECMLNAWLGR LYQLQEPQSG LQFEARIAQR QSLVKQLHER QLDLLITTEA PKMDEFSSQL LGHFTLALYC SSPARKKSEL NYLRLEWGPD FQQHETGLIA ADEVPVLTTS SAELARQQLS ALNGCSWLPV NWANEKGGLH TVADSATLSR PLYAIWLQNS DKYSLICDLL KTDVLDEQ
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	31,604 Da
Sequence Positions	1-278, 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 Q5PJZ0
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hdfR recombinant protein	MBS1433427 is a recombinant protein targeting hdfR. Also known as Recombinant Salmonella paratyphi A HTH-type transcriptional regulator hdfR (hdfR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hdfR 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 hdfR. It may not necessarily be applicable to this product.

NCBI GI #	446301362
NCBI Accession #	WP_000379217.1
UniProt Primary Accession #	Q5PJZ0
GenBank Nucleotide #	WP_000379217.1

NCBI Official Full Name	transcriptional regulator
UniProt Protein Name	HTH-type transcriptional regulator HdfR
UniProt Synonym Protein Names	H-NS-dependent flhDC regulator
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	hdfR
UniProt Comments for hdfR	Negatively regulates the transcription of the flagellar master operon flhDC by binding to the upstream region of the operon.
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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