HTH-Type Transcriptional Activator Rhas (rhaS) Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional activator rhaS (rhaS), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6:K15:H31 HTH-type transcriptional activator rhaS (rhaS)
Product Gene Name	rhaS recombinant protein
Product Synonym Gene Name	rhaS
Sequence	MTVLHSVDFF PSGNASVAIE PRLPQADFPE HHHDFHEIVI VEHGTGIHVF NGQPYTITGG TVCFVRDHDR HLYEHTDNLC LTNVLYRSPD RFQFLAGLNQ LLPQEQDGQY PSHWRVNHSV LQQVRQLVAQ MEQQEGENDL PSTASREILF MQLLLLLRKS SLQENLENSA SRLNLLLAWL EDHFADEVNW DAVADQFSLS LRTLHRQLKQ QTGLTPQRYL NRLRLMKARH LLRHSEASVT DIAYRCGFSD SNHFSTLFRR EFNWSPRDIR QGRDGFLQ
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	32,330 Da
Sequence Positions	1-278, 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 Q0TAF8
Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rhaS recombinant protein	MBS1379470 is a recombinant protein targeting rhaS. Also known as Recombinant Escherichia coli O6:K15:H31 HTH-type transcriptional activator rhaS (rhaS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rhaS 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 rhaS. It may not necessarily be applicable to this product.

NCBI GI #	446139301
NCBI Accession #	WP_000217156.1
UniProt Primary Accession #	Q0TAF8
GenBank Nucleotide #	WP_000217156.1
NCBI Official Full Name	transcriptional activator RhaS

UniProt Protein Name	HTH-type transcriptional activator RhaS
UniProt Synonym Protein Names	L-rhamnose operon regulatory protein RhaS
Protein Family	HTH-type transcriptional activator
UniProt Gene Name	rhaS
UniProt Comments for rhaS	Activates expression of the rhaBAD and rhaT 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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