HTH-Type Transcriptional Regulator Beti (betI) Cronobacter Sakazakii Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator BetI (betI), Recombinant Protein
Full Product Name	Recombinant Cronobacter sakazakii HTH-type transcriptional regulator BetI (betI)
Product Gene Name	betI recombinant protein
Sequence	MPKVGMQPIR RRQLIDATLS TINDVGINDA TIAQIARRAG VSAGIISHYF KDKNGLLEAT MRDITRQLRD AVAARLRPLA QASTEARLLA IVEGNFDDTQ VHSAAMKAWL DFWASSMHQP QLGRLERVSS RRLFSTLAAE FRRELPREQA RLAAHGLASL IDGLWLRAAL SGQPFNLETA RTLTTQFIRQ QLAGAAPHEK EE
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	22,462 Da
Sequence Positions	1-202, 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 A7MFA6
Species	Cronobacter sakazakii (strain BAA-894) (Enterobacter sakazakii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for betI recombinant protein	MBS1136895 is a recombinant protein targeting betI. Also known as Recombinant Cronobacter sakazakii HTH-type transcriptional regulator BetI (betI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of betI 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 betI. It may not necessarily be applicable to this product.

NCBI GI #	490522526
NCBI Accession #	WP_004387948.1
UniProt Primary Accession #	A7MFA6
GenBank Nucleotide #	WP_004387948.1
NCBI Official Full Name	MULTISPECIES: transcriptional regulator
UniProt Protein Name	HTH-type transcriptional regulator BetI

Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	betI
UniProt Comments for betI	Repressor involved in the biosynthesis of the osmoprotectant glycine betaine. It represses transcription of the choline transporter BetT and the genes of BetAB involved in the synthesis of glycine betaine ().
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