Protein Mraz (mraZ) Escherichia Fergusonii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein MraZ (mraZ), Recombinant Protein
Full Product Name	Recombinant Escherichia fergusonii Protein MraZ (mraZ)
Product Gene Name	mraZ recombinant protein
Sequence	MFRGATLVNL DSKGRLSVPT RYREELLGNA AGQMVCTIDI HHPCLLLYPL PEWEIIEHKL SRLSSMNPVE RRVQRLLLGH ASECQLDNAG RLLIAPVLRQ HAGLTKEVML VGQFNKFELW DETTWHQQVR EDIDAEQSIT ENLSERLQDL SL
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	17,452 Da
Sequence Positions	1-152, 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 B7LWG9
Species	Escherichia fergusonii (strain 35469 / DSM 13698 / CDC 0568-73)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mraZ recombinant protein	MBS1232585 is a recombinant protein targeting mraZ. Also known as Recombinant Escherichia fergusonii Protein MraZ (mraZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mraZ 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 mraZ. It may not necessarily be applicable to this product.

NCBI GI #	446410432
NCBI Accession #	WP_000488287.1
UniProt Primary Accession #	B7LWG9
GenBank Nucleotide #	WP_000488287.1
NCBI Official Full Name	division/cell wall cluster transcriptional repressor MraZ
UniProt Protein Name	Transcriptional regulator MraZ
Protein Family	Transcriptional regulator

UniProt Gene Name	mraZ
UniProt Comments for mraZ	Negatively regulates its own expression and that of the subsequent genes in the proximal part of the division and cell wall (dcw) gene cluster. Acts by binding directly to DNA. May also regulate the expression of genes outside the dcw cluster.
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