# Protein Mraz (mraZ) Thermoanaerobacter Tengcongensis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Protein MraZ (mraZ), Recombinant Protein |
| **Full Product Name** | Recombinant Thermoanaerobacter tengcongensis Protein MraZ (mraZ) |
| **Product Gene Name** | mraZ recombinant protein |
| **Product Synonym Gene Name** | mraZ; TTE1654 |
| **Product Synonym Names** | Protein MraZ |
| **Sequence** | MLMGQYEHTI DSKGRVIIPA KFREELGEKF VLTKGLDNCL FVYSLDEWKN IEEKLKTLPL TKKDARAFTR FFLAGAVECE VDKQGRILIP SHLREHAKIE KDVIFIGVST RVEIWSKEVW EEYSKSTDVS FEEIAEHLDN FNI |
| **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** | 16,666 Da |
| **Sequence Positions** | 1-143aa; 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 Q8R9F8 |
| **Species** | Thermoanaerobacter tengcongensis (strain DSM 15242 / JCM 11007 / NBRC 100824 / MB4) (Caldanaerobacter subterraneus subsp. tengcongensis) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for mraZ recombinant protein** | MBS1436955 is a recombinant protein targeting mraZ. Also known as Recombinant Thermoanaerobacter tengcongensis 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.

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| **NCBI GI #** | 20808081 |
| **NCBI GeneID** | 996209 |
| **NCBI Accession #** | NP_623252.1 |
| **UniProt Primary Accession #** | Q8R9F8 |
| **UniProt Related Accession #** | Q8R9F8 |

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| **GenBank Nucleotide #** | NC_003869.1 |
| **NCBI Official Full Name** | cell division protein MraZ |
| **NCBI Official Symbol** | TTE1654 |
| **UniProt Protein Name** | Transcriptional regulator MraZ |
| **Protein Family** | Transcriptional regulator |
| **UniProt Gene Name** | mraZ |
| **UniProt Entry Name** | MRAZ_THETN |
| **NCBI Protein Information** | cell division protein MraZ |
| **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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