HTH-Type Transcriptional Regulator Malt (malT) Klebsiella Pneumoniae Subsp. Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator malT (malT), Recombinant Protein
Full Product Name	Recombinant Klebsiella pneumoniae subsp. pneumoniae HTH-type transcriptional regulator malT (malT), partial
Product Gene Name	malT recombinant protein
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	103,145 Da
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 A6TF41
Species	Klebsiella pneumoniae subsp. pneumoniae (strain 700721 / MGH 78578)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for malT recombinant protein	MBS1238037 is a recombinant protein targeting malT. Also known as Recombinant Klebsiella pneumoniae subsp. pneumoniae HTH-type transcriptional regulator malT (malT), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of malT 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 malT. It may not necessarily be applicable to this product.

NCBI GI #	506439380
NCBI Accession #	WP_015959097.1
UniProt Primary Accession #	A6TF41
GenBank Nucleotide #	WP_015959097.1
NCBI Official Full Name	transcriptional regulator
UniProt Protein Name	HTH-type transcriptional regulator MalT
UniProt Synonym Protein Names	ATP-dependent transcriptional activator MalT
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	malT

UniProt Comments for malT	Positively regulates the transcription of the maltose regulon whose gene products are responsible for uptake and catabolism of malto-oligosaccharides. Binds and recognizes a DNA motif (called the malT box): 5'-GGA[TG]GA-3'.
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