HTH-Type Transcriptional Regulator Ptr2 (ptr2) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	HTH-type transcriptional regulator Ptr2 (ptr2), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii HTH-type transcriptional regulator Ptr2 (ptr2)
Product Gene Name	ptr2 recombinant protein
Product Synonym Gene Name	ptr2; MJ0723
Product Synonym Names	HTH-type transcriptional regulator Ptr2
Sequence	MDEKDLKIIE ILMRDGRKSY TDIARELGTS ESSIRKRVKK LEEEGVIKGY TAIIDPSKIG YNVVALTGFD TEPDKFLNVA KELCKFPEVK KVFTSTGDHM IMTEIWAKDG KEFSDLIFNK IGKIEGIKKI CPAIILEQMK
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	15,903 Da
Sequence Positions	1-140aa; 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 Q58133
Species	Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ptr2 recombinant protein	MBS1484476 is a recombinant protein targeting ptr2. Also known as Recombinant Methanocaldococcus jannaschii HTH-type transcriptional regulator Ptr2 (ptr2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ptr2 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 ptr2. It may not necessarily be applicable to this product.

NCBI GI #	15668904
NCBI GeneID	1451600
NCBI Accession #	NP_247708.1
UniProt Primary Accession #	Q58133

GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	AsnC family transcriptional regulator
NCBI Official Symbol	MJ_0723
UniProt Protein Name	HTH-type transcriptional regulator Ptr2
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	ptr2
UniProt Synonym Gene Names	MJ0723
UniProt Entry Name	PTR2_METJA
NCBI Protein Information	AsnC family transcriptional regulator
UniProt Comments for ptr2	Participates in positive as well as negative regulation of transcription. Binds to its own promoter.
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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