Aspartate Carbamoyltransferase Regulatory Chain (pyrI) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aspartate carbamoyltransferase regulatory chain (pyrI), Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Aspartate carbamoyltransferase regulatory chain (pyrI)
Product Gene Name	pyrI recombinant protein
Product Synonym Gene Name	pyrI; TK2195
Product Synonym Names	Aspartate carbamoyltransferase regulatory chain
Sequence	MPENLKIEVI PEGTVIDHIP AGKWLKVIEI LGLTKPNGGT LLIASNVPSK KLGRKDIVKV EGRYLSEEEV NKIALIAPMA TVNIVKDYKI IEKFNVEIPD EITGILKCPN PNCVSNHEYV TPRFHVESRE PLKLRCHYCE RTINEDEIAQ NL
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	17,151 Da
Sequence Positions	1-152aa; 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 Q5JHN0
Species	Pyrococcus kodakaraensis (strain BAA-918 / JCM 12380 / KOD1) (Thermococcus kodakaraensis (strain KOD1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pyrI recombinant protein	MBS1471480 is a recombinant protein targeting pyrI. Also known as Recombinant Pyrococcus kodakaraensis Aspartate carbamoyltransferase regulatory chain (pyrI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pyrI 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 pyrI. It may not necessarily be applicable to this product.

NCBI GI #	57642130
NCBI GeneID	3234338
NCBI Accession #	YP_184608.1
UniProt Primary Accession #	Q5JHN0

UniProt Related Accession #	Q5JHN0
GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	aspartate carbamoyltransferase regulatory subunit
NCBI Official Symbol	TK2195
UniProt Protein Name	Aspartate carbamoyltransferase regulatory chain
Protein Family	Aspartate carbamoyltransferase
UniProt Gene Name	pyrI
UniProt Entry Name	PYRI_THEKO
NCBI Protein Information	aspartate carbamoyltransferase regulatory subunit
UniProt Comments for pyrI	Involved in allosteric regulation of aspartate carbamoyltransferase.
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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