Aspartate Carbamoyltransferase Regulatory Chain (pyrI) Bacteroides Vulgatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Aspartate carbamoyltransferase regulatory chain (pyrI), Recombinant Protein
Full Product Name	Recombinant Bacteroides vulgatus Aspartate carbamoyltransferase regulatory chain (pyrI)
Product Gene Name	pyrI recombinant protein
Sequence	MKMSDNKQAL QVAALKNGTV IDHIPSDKLF TVVALLGLQD SDSNITIGNN FESKKLGKKG IIKVADRFFT DEEISRLSVV APNVKLNIIR DYEVVEKKQV LMPEELRGIV KCANPKCITN NEPMTTLFHV IDKEHGILKC HYCEKEQSKE GIKLL
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	17,407 Da
Sequence Positions	1-155, 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 A6L5K0
Species	Bacteroides vulgatus (strain 8482 / DSM 1447 / 11154)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pyrI recombinant protein	MBS1260619 is a recombinant protein targeting pyrI. Also known as Recombinant Bacteroides vulgatus 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 #	492430680
NCBI GeneID	5304299
NCBI Accession #	WP_005841999.1
UniProt Primary Accession #	A6L5K0
UniProt Related Accession #	A6L5K0
GenBank Nucleotide #	WP_005841999.1

NCBI Official Full Name	MULTISPECIES: aspartate carbamoyltransferase regulatory subunit
NCBI Official Symbol	BVU_RS16780
UniProt Protein Name	Aspartate carbamoyltransferase regulatory chain
Protein Family	Aspartate carbamoyltransferase
UniProt Gene Name	pyrI
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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