Carbamoyl-Phosphate Synthase Pyrimidine-Specific Large Chain (pyrAB) Geobacillus Stearothermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Carbamoyl-phosphate synthase pyrimidine-specific large chain (pyrAB), Recombinant Protein
Full Product Name	Recombinant Geobacillus stearothermophilus Carbamoyl-phosphate synthase pyrimidine-specific large chain (pyrAB), partial
Product Gene Name	pyrAB 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	116,243 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 O50302
Species	Geobacillus stearothermophilus (Bacillus stearothermophilus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pyrAB recombinant protein	MBS1233398 is a recombinant protein targeting pyrAB. Also known as Recombinant Geobacillus stearothermophilus Carbamoyl-phosphate synthase pyrimidine-specific large chain (pyrAB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pyrAB 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 pyrAB. It may not necessarily be applicable to this product.

NCBI GI #	22095485
NCBI Accession #	O50302.1
UniProt Primary Accession #	O50302
NCBI Official Full Name	Carbamoyl-phosphate synthase pyrimidine-specific large chain
UniProt Protein Name	Carbamoyl-phosphate synthase pyrimidine-specific large chain
UniProt Synonym Protein Names	Carbamoyl-phosphate synthetase ammonia chain
Protein Family	Carbamoyl-phosphate synthase pyrimidine-specific
UniProt Gene Name	pyrAB

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