N-Acetyl-Gamma-Glutamyl-Phosphate Reductase (argC) Parabacteroides Distasonis Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-acetyl-gamma-glutamyl-phosphate reductase (argC), Recombinant Protein
Full Product Name	Recombinant Parabacteroides distasonis N-acetyl-gamma-glutamyl-phosphate reductase (argC)
Product Gene Name	argC recombinant protein
Sequence	MIKCGIIGGA GYTAGELIRL LLNHPDAELT FINSSSNAGN KITDVHGGLY GETDLVFTSE LPLDSIDLLF FCTAHGDTKK FMENHTVPEN VKIIDLSMDY RIEGPEHDFV YGLPELNRRR ICNARHIANP GCFATCIQLG VLPLAKHLML NSDLHVNAIT GSTGAGVKPS STSHFSWRND NISIYKPFTH QHLAEINQSL SQLQKSYSSR INFIPVRGNF SRGIFATTYI DCKIDLVEIR RIYEEYYDDH SFTFITDKNP DLKQVVNTNK CLIHLQKIDD KLLIISMIDN LLKGASGQAV HNMNLLFGLE ETVGLHLKPS AF
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	35,979 Da
Sequence Positions	1-322, 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 A6L849
Species	Parabacteroides distasonis (strain 8503 / DSM 20701 / 11152)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argC recombinant protein	MBS1237007 is a recombinant protein targeting argC. Also known as Recombinant Parabacteroides distasonis N-acetyl-gamma-glutamyl-phosphate reductase (argC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argC 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 argC. It may not necessarily be applicable to this product.

NCBI GI #	496575683
NCBI Accession #	WP_009276801.1
UniProt Primary Accession #	A6L849
GenBank Nucleotide #	WP_009276801.1
NCBI Official Full Name	MULTISPECIES: N-acetyl-gamma-glutamyl-phosphate reductase

UniProt Protein Name	N-acetyl-gamma-glutamyl-phosphate reductase
UniProt Synonym Protein Names	N-acetyl-glutamate semialdehyde dehydrogenase
Protein Family	Bifunctional protein
UniProt Gene Name	argC
UniProt Synonym Gene Names	AGPR; NAGSA dehydrogenase
UniProt Comments for argC	Catalyzes the NADPH-dependent reduction of N-acetyl-5-glutamyl phosphate to yield N-acetyl-L-glutamate 5-semialdehyde.
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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