N-Acetyl-Gamma-Glutamyl-Phosphate Reductase (argC) Bordetella Bronchiseptica Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-acetyl-gamma-glutamyl-phosphate reductase (argC), Recombinant Protein
Full Product Name	Recombinant Bordetella bronchiseptica N-acetyl-gamma-glutamyl-phosphate reductase (argC)
Product Gene Name	argC recombinant protein
Product Synonym Gene Name	argC
Sequence	MAQASNSRIK VGIVGGTGYT GVELLRLLSQ HPHVALTAIT SRKEDGLPVA DMYPNLRGRV KLAFSAPEKA SLTDCDVVFF ATPHGVAMAQ AAELLAAGTR VIDLAADFRL QDTAVFERWY KIPHTCPDIL ADSVYGLVEL NREAISKARV IGNPGCYPTT VLLGLAPLIE GGKQLVDVQT LIADCKSGVS GAGRKAEVGS LFSEASDNFK AYGVAGHRHQ PEIVAQLEKL AGGKVGLTFV PHLVPMIRGM FSTLYARILP QARDTDFQAL FEARYADEPF VDVMPAGSLP ETRSVRASNN LRISVQRPGG GDQLVILVVQ DNLVKGASGQ AVQNMNLMFG LPESAGLDQV AILP
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	37,771 Da
Sequence Positions	1-354, 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 Q7WFC5
Species	Bordetella bronchiseptica (strain BAA-588 / 13252 / RB50) (Alcaligenes bronchisepticus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argC recombinant protein	MBS1334311 is a recombinant protein targeting argC. Also known as Recombinant Bordetella bronchiseptica 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 #	489911476
NCBI Accession #	WP_003814887.1
UniProt Primary Accession #	Q7WFC5

GenBank Nucleotide #	WP_003814887.1
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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