Arginine Repressor (argR) Chlorobaculum Parvum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Arginine repressor (argR), Recombinant Protein
Full Product Name	Recombinant Chlorobaculum parvum Arginine repressor (argR)
Product Gene Name	argR recombinant protein
Product Synonym Gene Name	argR; Cpar_0987
Product Synonym Names	Arginine repressor
Sequence	MNKALRQKKI RELVENNDVS GQQELLGMLE KEGFSVAQPT LSRDFAEMGI VRNRTADGGY RLSVPEEPQE DILRGLVGME VLSITANETS IIINTLPGRA HGVGSFLDRI NSPEILGTIA GDDTVLVIPA TIRKISSVKS YIQKILSQP
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	16,287 Da
Sequence Positions	1-149aa; 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 B3QN92
Species	Chlorobaculum parvum (strain NCIB 8327) (Chlorobium vibrioforme subsp. thiosulfatophilum (strain DSM 263 / NCIB 8327))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argR recombinant protein	MBS1125859 is a recombinant protein targeting argR. Also known as Recombinant Chlorobaculum parvum Arginine repressor (argR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argR 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 argR. It may not necessarily be applicable to this product.

NCBI GI #	501493844
NCBI GeneID	6419917
NCBI Accession #	WP_012502228.1
UniProt Primary Accession #	B3QN92
UniProt Related Accession #	B3QN92

GenBank Nucleotide #	WP_012502228.1
NCBI Official Full Name	arginine repressor ArgR
NCBI Official Symbol	Cpar_0987
UniProt Protein Name	Arginine repressor
Protein Family	HTH-type transcriptional regulator
UniProt Gene Name	argR
UniProt Synonym Gene Names	Cpar_0987
UniProt Entry Name	ARGR_CHLP8
NCBI Protein Information	arginine repressor ArgR
UniProt Comments for argR	Regulates arginine biosynthesis genes.
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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