Arginine--Trna Ligase (argS) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Arginine--tRNA ligase (argS), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Arginine--tRNA ligase (argS), partial
Product Gene Name	argS recombinant protein
Product Synonym Gene Name	argS
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	63,685 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 Q3J281
Species	Rhodobacter sphaeroides (strain 17023 / 2.4.1 / NCIB 8253 / DSM 158)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argS recombinant protein	MBS1470933 is a recombinant protein targeting argS. Also known as Recombinant Rhodobacter sphaeroides Arginine--tRNA ligase (argS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of argS 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 argS. It may not necessarily be applicable to this product.

NCBI GI #	515707624
NCBI Accession #	WP_017140224.1
UniProt Primary Accession #	Q3J281
GenBank Nucleotide #	WP_017140224.1
NCBI Official Full Name	arginine--tRNA ligase
UniProt Protein Name	Arginine--tRNA ligase
UniProt Synonym Protein Names	Arginyl-tRNA synthetase
Protein Family	Arginine--tRNA ligase
UniProt Gene Name	argS

UniProt Synonym Gene Names	ArgRS
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