Arginine--Trna Ligase (Args), Partial (argS) Haloarcula Marismortui Recombinant Protein

PRODUCT OVERVIEW

Product Name	Arginine--tRNA ligase (argS), partial, Recombinant Protein
Full Product Name	Recombinant Haloarcula marismortui Arginine--tRNA ligase (argS), partial
Product Gene Name	argS recombinant protein
Product Synonym Gene Name	argS; rrnAC3169
Product Synonym Names	Arginine--tRNA ligase; EC=6.1.1.19; Arginyl-tRNA synthetase; ArgRS
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	64,318 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 Q5UXX8
Species	Haloarcula marismortui (strain 43049 / DSM 3752 / JCM 8966 / VKM B-1809) (Halobacterium marismortui)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for argS recombinant protein	MBS1340086 is a recombinant protein targeting argS. Also known as Recombinant Haloarcula marismortui 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 #	55379731
NCBI GeneID	3129268
NCBI Accession #	YP_137581.1
UniProt Primary Accession #	Q5UXX8
UniProt Related Accession #	Q5UXX8
GenBank Nucleotide #	NC_006396.1
NCBI Official Full Name	arginyl-tRNA synthetase
NCBI Official Symbol	argS

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	rrnAC3169; ArgRS
UniProt Entry Name	SYR_HALMA
NCBI Protein Information	arginyl-tRNA synthetase
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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