Putative Agmatine Deiminase (aguA) Streptococcus Pneumoniae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative agmatine deiminase (aguA), Recombinant Protein
Full Product Name	Recombinant Streptococcus pneumoniae Putative agmatine deiminase (aguA)
Product Gene Name	aguA recombinant protein
Sequence	MMDSPKKLGY HMPAEYEPHH GTLMIWPTRP GSWPFQGKDA KRAFTQIIET IAEGERVYLL VEQAYLSEAQ SYLGDKVVYL DIPTNDAWAR DTGPTILVND KGKKLAVDWA FNAWGGTYDG LYQDYEEDDQ VASRFAEALE RPVYDAKPFV LEGGAIHSDG QGTILVTESC LLSPGRNPNL TKEEIENTLL ESLGAEKVIW LPYGIYQDET NEHVDNVAAF VGPAEVVLAW TDDENDPQYA MSKADLELLE QETDAKGCHF TIHKLPIPAV RQVVTEEDLP GYIYEEGEEE RYAGERLAAS YVNFYIANKA VLVPQFEDVN DQVALDILSK CFPDRKVVGI PARDILLGGG NIHCITQQIP E
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	40,372 Da
Sequence Positions	1-361, 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 B1IB89
Species	Streptococcus pneumoniae (strain Hungary19A-6)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for aguA recombinant protein	MBS1256817 is a recombinant protein targeting aguA. Also known as Recombinant Streptococcus pneumoniae Putative agmatine deiminase (aguA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of aguA 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 aguA. It may not necessarily be applicable to this product.

NCBI GI #	446892208
NCBI Accession #	WP_000969464.1
UniProt Primary Accession #	B1IB89
GenBank Nucleotide #	WP_000969464.1
NCBI Official Full Name	agmatine deiminase

UniProt Protein Name	Putative agmatine deiminase
UniProt Synonym Protein Names	Agmatine iminohydrolase
Protein Family	Agmatine deiminase
UniProt Gene Name	aguA
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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