Agmatinase (speB) Shigella Flexneri Serotype 5b Recombinant Protein

PRODUCT OVERVIEW

Product Name	Agmatinase (speB), Recombinant Protein
Full Product Name	Recombinant Shigella flexneri serotype 5b Agmatinase (speB)
Product Gene Name	speB recombinant protein
Product Synonym Gene Name	speB
Sequence	MSTLGHQYDN SLVSNAFGFL RLPMNFQPYD SDADWVITGV PFDMATSGRA GGRHGPAAIR QVSTNLAWEH NRFPWNFDMR ERLNVVDCGD LVYAFGDARE MSEKLQAHAE KLLAAGKRML SFGGDHFVTL PLLRAHAKHF GKMALVHFDA HTDTYANGCE FDHGTMFYTA PKEGLIDPNH SVQIGIRTEF DKDNGFTVLD ACQVNDRSVD DVIAQVKQIV GDMPVYLTFD IDCLDPAFAP GTGTPVIGGL TSDRAIKLVR GLKDLNIVGM DVVEVAPAYD QSEITALAAA TLALEMLYIQ AAKKGE
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	33,557 Da
Sequence Positions	1-306, 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 Q0T0V7
Species	Shigella flexneri serotype 5b (strain 8401)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for speB recombinant protein	MBS1356978 is a recombinant protein targeting speB. Also known as Recombinant Shigella flexneri serotype 5b Agmatinase (speB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of speB 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 speB. It may not necessarily be applicable to this product.

NCBI GI #	446027711
NCBI Accession #	WP_000105566.1
UniProt Primary Accession #	Q0T0V7
GenBank Nucleotide #	WP_000105566.1
NCBI Official Full Name	MULTISPECIES: agmatinase

UniProt Protein Name	Agmatinase
UniProt Synonym Protein Names	Agmatine ureohydrolase
Protein Family	Agmatinase
UniProt Gene Name	speB
UniProt Synonym Gene Names	AUH
UniProt Comments for speB	Catalyzes the formation of putrescine from agmatine.
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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Online datasheet: https://www.mybiosource.com/recombinant-protein/agmatinase-speb/1356978