

Agmatinase Recombinant Protein | speB recombinant protein

Recombinant Escherichia coli (strain 55989 / EAEC) Agmatinase

CATALOG # AAA18630	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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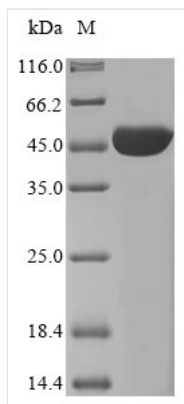
PRODUCT SYNONYMS

Agmatinase; Recombinant Escherichia coli (strain 55989 / EAEC) Agmatinase; Agmatine ureohydrolase; AUH; speB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-306aa; Full Length
Sequence	MSTLGHQYDN SLVSNAFGFL RLP MNFQPYD SDADWVITGV PFD MATSGRA GGRHGPAAIR QVSTNLAWEH NRFPWNFDMR ERLNVVDCGD LVYAFGDARE MSEKLQAHAE KLLAAGKRML SFGGDHFTL PLLRAHAKHF GKMALVHFDA HTDTYANGCE FDHGTMFYTA PKEGLIDPNH SVQIGIRTEF DIDNGFTVLD ACQVNDRSVD DVIAQVKQIV GDMPVYLTFD IDCLDPAFAP GTGTPVIGGL TSDRAIKLVR GLKDLNIVGM DVVEVAPAYD QSEITALAAA TLALEMLYIQ AAKKGE
Species	Escherichia coli (strain 55989 / EAEC)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for speB recombinant protein	Catalyzes the formation of putrescine from agmatine.
Product Categories/Family for speB recombinant protein	Microbiology

References	"Organised genome dynamics in the Escherichia coli species results in highly diverse adaptive paths." Touchon M., Hoede C., Tenaillon O., Barbe V., Baeriswyl S., Bidet P., Bingen E., Bonacorsi S., Bouchier C., Bouvet O., Calteau A., Chiapello H., Clermont O., Cruveiller S., Danchin A., Diard M., Dossat C., Karoui M.E. Denamur E. PLoS Genet. 5:E1000344-E1000344(2009)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	446027704
NCBI Accession #	WP_000105559.1
NCBI GenBank Nucleotide #	WP_000105559.1
UniProt Accession #	B7LFJ6
Molecular Weight	49.5 kDa
NCBI Official Full Name	agmatinase
UniProt Protein Name	Agmatinase
UniProt Gene Name	speB
UniProt Synonym Gene Names	AUH
UniProt Entry Name	SPEB_ECO55

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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