



# Recombinant Biosynthetic arginine decarboxylase (speA)

<b>Product Code</b>	CSB-EP813872EGX
<b>Abbreviation</b>	speA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8FE34
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSDDMSMGLP SSAGEHGVLR SMQEVAMSSQ EASKMLRTYN IAWWGNNYYD VNELGHISVC PDPDVPEARV DLAQLVKTRE AQQQRLPALF CFPQILQHRL RSINA AFKRA RESYGYNGDY FLVYPIKVNQ HRRVIESLIH SGEPLGLEAG SKAELMAVLA HAGMTRSVIV CNGYKDREYI RLALIGEKM HKVYLVIKEM SEIAIVLDEA ERLNVVPR LG VRARLASQGS GKWQSSGGEK SKFGLAATQV LQLVETLREA GRDLSLQLLH FHLGSQMANI RDIATGVRES ARFYVELHKL GVNIQCFDVG GGLGVDYEGT RSQSDCSVNY GLNEYANNII WAIGDACEEN GLPHPTVITE SGRAVTAHHT VLVSNIIGVE RNEYTVPTAP AEDAPRALQS MWETWQEMHE PGTRRSLREW LHDSQMDLHD IHIGYSSGTF SLQERAWAEQ LYLSMCHEVQ KQLDPQNR AH RPIIDELQER MADKMYVNFS LQSMPPAWG IDQLFPVLPL EGLDQVPER AVLLDITCDS DGAIDHYIDG DGIATTMPMP EYDPENPPML GFFMVGAYQE ILGNMHNLF DTEAVDVFVF PDGSVEVELS DEGDTVADML QYVQLDPKTL LTQFRDQVKK TDLDAELQQQ FLEEF EAGLY GYTYLEDE
<b>Source</b>	E.coli
<b>Target Names</b>	speA
<b>Protein Names</b>	Recommended name: Biosynthetic arginine decarboxylase Short name= ADC EC= 4.1.1.19
<b>Expression Region</b>	1-658
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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