



Recombinant Biosynthetic arginine decarboxylase (speA)

Product Code	CSB-MP813872EGX
Abbreviation	speA
Storage	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.
Uniprot No.	Q8FE34
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MSDDMSMGLP SSAGEHGVLR SMQEVAMSSQ EASKMLRTYN IAWWGNNYYD VNELGHISVC PDPDVPEARV DLAQLVKTRE AQQQRLPALF CFPQILQHRL RSINAAFKRA RESYGYNGDY FLVYPIKVNQ HRRVIESLIH SGEPLGLEAG SKAELMAVLA HAGMTRSVIV CNGYKDREYI RLALIGEKM HKVYLVIKEM SEIAIVLDEA ERLNVVPRLG VRARLASQGS GKWQSSGGEK SKFGLAATQV LQLVETLREA GRLDSLQLLH FHLGSQMANI RDIATGVRES ARFYVELHKL GVNIQCFDVG GGLGVDYEGT RSQSDCSVNY GLNEYANNII WAIGDACEEN GLPHPTVITE SGRAVTAHHT VLVSNIIGVE RNEYTVPTAP AEDAPRALQS MWETWQEMHE PGTRRSLREW LHDSQMDLHD IHIGYSSGTF SLQERAWAEQ LYLSMCHEVQ KQLDPQNRH RPIIDELQER MADKMYVNFS LQSMPPAWG IDQLFPVLPL EGLDQVPERR AVLLDITCDS DGAIDHYIDG DGIATTMPMP EYDPENPPML GFFMVGAYQE ILGNMHNLF DTEAVDVFVF PDGSVEVELS DEGDTVADML QYVQLDPKTL LTQFRDQVKK TDLDAELQQQ FLEEFEAGLY GYTYLEDE
Source	Mammalian cell
Target Names	speA
Protein Names	Recommended name: Biosynthetic arginine decarboxylase Short name= ADC EC= 4.1.1.19
Expression Region	1-658
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.

Shelf Life

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