



Recombinant Arginine deiminase (arcA)

Product Code	CSB-EP733356SMZ-B
Abbreviation	arcA
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.	Q5XAY2
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	TAQTPIHVV SEIGKLKKVL LHRPGKEIEN LMPDYLERLL FDDIPFLEDA QKEHDFAFAQA LRDEGIEVLY LETLAAESLV TPEIREAFID EYLSEANIRG RATKKAIREL LMAIEDNQEL IEKTMAGVQK SELPEIPASE KGLTDLVESN YPFAIDPMPN LYFTRDPFAT IGTGVSLNHM FSETRNRETL YGKYIFTHHP IYGGGKVP MV YDRNETTRIE GGDELVLSKD VLAVGISQRT DAASIEKLLV NIFKQNLGFK KVLAFEFANN RKFMHLDTVF TMVDYDKFTI HPEIEGDLRV YSVTYDNEEL HIVEEKGD LA ELLAANLGVE KVDLIRCGGD NLVAAGREQW NDGSNTLTIA PGVVVVYNRN TITNAILESK GLKLIKHGS ELVRGRGGPR CMSMPFERED I
Source	E.coli
Target Names	arcA
Protein Names	Recommended name: Arginine deiminase Short name= ADI EC= 3.5.3.6 Alternative name(s): Arginine dihydrolase Short name= AD Streptococcal acid glycoprotein
Expression Region	2-411
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 of Mature 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	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.