



Recombinant Arginine deiminase (arcA)

Product Code	CSB-EP723972BUI-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.	Q65ZT1
Product Type	Recombinant Protein
Immunogen Species	Borrelia baviensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia baviensis)
Purity	≥85% (SDS-PAGE)
Sequence	MEGYLNPINI FSEIGRLKKV LLHRPGEELE NLTPFIMKKF LFDDIPYLEV ARQEHEVFAS TLKNSVEIE YVEDLVSEVL ASSVALKDKF ISQFILEAEI KTDSTINILK DYFSNLTIDN MVSKMISGIV SKELKNYVSS LDDLVSASL FIIDPMPNVL FTRDPFASIG NGITINKMSN KVRHRETIFA EYIFKYHPIY KKNVPIWFNR WEESSELEGGD EFVLSKDILV IGISERTEAE SVEKLAISLF KNKTSFNTIL AFKIPKNRAY MHLDTVFTQI DYSVFTSFTS DDMYFSIYAL TYNSSSSKIH VKEEKARLRD VLSFYLRKI DIIKCAGGDL IHGAREQWND GANILAIAPG EVIAYSRNHV TNKLFEENGI KVYRIPSSSEL SRGRGGPRCM SMPLVREDI
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
Expression Region	1-409
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	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.