



Recombinant Escherichia coli O81 Arginine deiminase (arcA)

Product Code	CSB-MP486164EOP
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.	B7MSY5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O81 (strain ED1a)
Purity	>85% (SDS-PAGE)
Sequence	MMEKHVVGSE IGQLRSVMLH RPNLSLKRLT PSNCQELLFD DVLSVERAGE EHDIFANTLR QQGIEVLLLT DLLTQTLDIP EAKSWLLETQ ISDYRLGPTF ATDVRTWLAE MSHRDLARHL SGGLTYSEIP ASIKNMVVDT HDINDFIMKP LPNHLFTRDT SCWIYNGVSI NPMAPARQR ETNNLRAIYR WHPQFAGGEF IKYFGDENIN YDHATLEGGD VLVIGRGAVL IGMSERTTPQ GVEFLAQALF KHRQAERVIA VELPKHRSCM HLDTVMTHID IDTFSVYPEV VRPDVNCWTL TPDGHGGLKR TQESTLLHAI EKALGIDQVR LITGGDAFE AEREQWNDAN NVLTLRPGVV VGYERNIWTN EKYDKAGITV LPIPGDELGR GRGGARCMSC PLHRDGI
Source	Mammalian cell
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	1-407
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.