



Recombinant Propionibacterium acnes Arginine deiminase (arcA)

Product Code	CSB-EP718231PSG-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.	Q6AA78
Product Type	Recombinant Protein
Immunogen Species	Propionibacterium acnes (strain KPA171202 / DSM 16379)
Purity	≥85% (SDS-PAGE)
Sequence	MTTPIGAWSE VGKLREVMVC EPRLAHRRLT PSNCRELLFD DVLWVEKAQE DHRDFVAKMR ERGIVVHEMH QLLSEVLDIS EGRSWVLDRK LSPNAVGLGV DEDVRDWLND MPSDTLAEYL IGGVAYGEVP ADRRKHVLGA LIKAHSENEF LIPPLPNTQF TRDTTAWIFG GVTFNPMRWP ARQQETVLAS AIYTHHPIFA ERDFKIWYGC AEADHGMSTL EGGDIMPVGN GTVLIGMGER SSWQAITQVA RSLFAQNAAR RMVVAAMAPD RASMHLDTVF SFCDVDLVTL YKPVVDITIP LVLEPSSEAA GFSVRVDDRH FTDVVASSLG LDGLRTVETG GDCWEAQREQ WDDGNNVVAL EPGVVVGYDR NTATNALLAK AGVEVVEIKA AELGRGRGGG HCMTCPITRD PVDY
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	1-414
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



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