



Recombinant Bacillus subtilis L-arabinose isomerase (araA)

Product Code	CSB-YP310162BRJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P94523
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MLQTKDYEFW FVTGSQHLYG EETLELVDQH AKSICEGLSG ISSRYKITHK PVVTSPETIR ELLREA EYSE TCAGIITWMH TFSPAKMWIE GLSSYQKPLM HLHTQYNRDI PWGTIDMDFM NSNQS AHGDR EYGYINSRMG LSRKVIAGYW DDEEVKKEMS QWMDTAAALN ESRHIKVARF GDNMRHVAVT DGDKVGAHIQ FGWQVDGYGI GDLVEVMDRI TDDEVDTLYA EYDRLYVISE ETKRDEAKVA SIKEQAKIEL GLTAFLEQGG YTAFTTSFEV LHGMKQLPGL AVQRLMEKGY GFAGEGDWKT AALVRMMKIM AKGKRTSFME DYT YHFEPGN EMILGSHMLE VCPTVALDQP KIEVHLSLIG GKEDPARLVF NGISGSAIQA SIVDIGGRFR LVLNEVNGQE IEKDMPNLPV ARVLWKPEPS LKTA AEAWIL AGGAHHTCLS YELTAEQMLD WAEMAGIESV LISRD TTIHK LKHELKWNEA LYRLQK
Source	Yeast
Target Names	araA
Protein Names	Recommended name: L-arabinose isomerase EC= 5.3.1.4
Expression Region	1-496
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.