



Recombinant Mannheimia succiniciproducens L-arabinose isomerase (araA)

Product Code	CSB-EP714732MAAB-B
Abbreviation	araA
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.	Q65WJ5
Product Type	Recombinant Protein
Immunogen Species	Mannheimia succiniciproducens (strain MBEL55E)
Purity	≥85% (SDS-PAGE)
Sequence	MEFLKKLEVW FVVGSDLYG DEALKQVNAN AEQITRYLND QNPFIQIKLK PLATTPEDIL SLCQAANYEE NCVGVIAWMH TFSPAKMWIG GLTRLNKPLL QFHTQLNKNI PWNEIDMDYM NLHQTAGHDR EFGFMVSRFR KPRTIVVGHW QSESVKQKLD RWMRVLAAY DQQLKVARF GDNMREVAVT EGDKVEAIK FGYSVNGYGL YQLVNSINTV NEDITALVK EYEASYQLAD SLKDGGEKRQ SLIDSARIEL GLKAFLDKGG FKAFTDTFQN LAGIKQLPGL PVQRLMAQGY GFGAEGDWKT AALVRAIKVM SYGLPNGCSF MEDYTYNLDD NNEIVLGAHM LEVCPSSIANN KPILDIKPLG IGGKEDPARL IFTSKSGKAT ASTIVDLGNR FRMITADMQA VDKPQDMPNL PVGHAFWKLE PNFDIGTQAW ILSGGAHHNV FSLDIDADML RTFAEYFDIE FIHINVKTEL PNLKNELRWN EAAYK
Source	E.coli
Target Names	araA
Protein Names	Recommended name: L-arabinose isomerase EC= 5.3.1.4
Expression Region	1-495
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.