



Recombinant Clostridium acetobutylicum L-Ala-D/L-Glu epimerase (CA_C0192)

Product Code	CSB-EP836453DUB
Abbreviation	CA_C0192
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.	Q97MK4
Product Type	Recombinant Protein
Immunogen Species	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
Purity	>85% (SDS-PAGE)
Sequence	MIIKDIVIGH LSVPLKKPFK TAVRSVNSVN DVVVKIITDT GNVGFGSAAS TGLVTGDITE SIEGAINNYI KRSIVGMDIE DFEAILIKLD NCIVGNTSAK AAVDIALYDL YGQRYGAPLY KLLGGFRNKL ETDITISVNS PEEMSRDSVD AVKLGKTKL IKVGKNPKLD IKRMREIRKA IGYEVNLRID ANQGWQPKEA IRALNEIENE GLKIELVEQP VKAWNLEGLK MVTDNVNIPV MADES VFSPK DAARVMEMRA CDLINIKLMK TGGIHNALKI CALAEVYGME CMLGCMLEGK VSVTAAVHLA AAKRIITKID LDGPVLC SRD DVVGGAMYDN SNIVLVDEPG LGIEGINN
Source	E.coli
Target Names	CA_C0192
Protein Names	Recommended name: L-Ala-D/L-Glu epimerase Short name= AE epimerase Short name= AEE EC= 5.1.1.n1
Expression Region	1-358
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.