



Recombinant Alanine racemase 2 (alr2)

Product Code	CSB-BP841752YAS
Abbreviation	alr2
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q8ZFL4
Product Type	Recombinant Protein
Immunogen Species	Yersinia pestis
Purity	>85% (SDS-PAGE)
Sequence	MVACSQPVSK NHLSLTSLSA NAQQPVVNNNA WLEISQGALD FNTKKMLTLL DNKSTLCAIL KGDAYGHDLT LVTPVMLKNN VQCIGVASNQ ELKTVRDLGF TGQLIRVRSR TLKEMQQAMA YDVEELIGDK TVAEQLNINIA KLNGKVLRIH LALNSAGMSR NGLEVSKARG LNDAKTIAGL KNLTIVGIMS HYPVEDASEI KADLARFQQQ AKDVIAVTGL KREKIKLHVA NTFATLAVPD SWLDMVRVGG VFGYDGIASST EYKRVMTFKS NIASLNNYPK GGTVGYDRTY TLKRDSLLAN IPVGYADGYR RVFSNAGHVI IQGQRLPVLG KTSMTNTVIVD VTDLKKVSLG DEVVLFQKQG NAEIQAEIE DLGALFTEM SILWGATNKR ILVD
Source	Baculovirus
Target Names	alr2
Protein Names	Recommended name: Alanine racemase 2 EC= 5.1.1.1
Expression Region	1-394
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>