



Recombinant Staphylococcus aureus Alanine racemase 2 (alr2)

Product Code	CSB-BP352444SKX
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.	P63482
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain Mu50 / ATCC 700699)
Purity	>85% (SDS-PAGE)
Sequence	MTATWSVNKK IFLQNAITVK NNQPLMAVVK NNAYHYDLEF AVTQFIHAGI DTFSTTSLRE AIQIRQLAPD ATIFLMNAVY EFDLVREHQI HMTLPSLTYY YNHKNDLAGI HVHLEFENLL HRSFGKDLNE IKEVLKDHHE NQNAKMIISG LWTHFGYADE FDVSDYNVER SQWMEIVEAL LSEGYQFDLI HAQNSASFYR EGQILLPHHT HARVGIALYG SRPYSSLNQH DIVQSLTVKA HVIQVREVQA GDYCGYSFAF EVTKNNTKLA VVDIGYGDGI LRTRAKHEAL INGKRYPIRA LMMSHMFVEV DGNVHAQDEV ILYNNDIRID EYTFKGVGAN SEQLSAMNHD SLKKEYISND C
Source	Baculovirus
Target Names	alr2
Protein Names	Recommended name: Alanine racemase 2 EC= 5.1.1.1
Expression Region	1-361
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.