



Recombinant Alanine racemase, biosynthetic (alr)

Product Code	CSB-EP812519EGX-B
Abbreviation	alr
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.	Q8FB20
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MQAATVLINR RALRHNLQRL RELAPASKLV AVVKANAYGH GLIETARTLP DADAFGVARL EEALRLRAGG ITRPILLLEG FFEADDLPTI SAEHLHTAVH NEEQLVALEN AELKEPVTWV MKLDTGMHRL GVLPEQAEAF YQRLSQCKNV RQPVNIVSHF ARADEPQSGA TEKQLDIFNT FCEGKPGQRS IAASGGILLW PQSHFDWARP GIILYGV SPL EDGTTGADFG CQPVM SLTSS LIAVREHKAG EPVGYGGTWV SERDTRLGVV AMGYGDGYPR AAPSGTPVLV NGREVPIVGR VAMDMICVDL GPQAQDKAGD PVILWGEGLP VERIAEMTKV SAYELITRLT SRVAMKYVD</pre>
Source	E.coli
Target Names	alr
Protein Names	Recommended name: Alanine racemase, biosynthetic EC= 5.1.1.1
Expression Region	1-359
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>