



Recombinant Schizosaccharomyces pombe Alanine racemase, catabolic (alr1)

Product Code	CSB-EP524577SXV-B
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.	O59828
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MRGAKSVIDL HAIAHNYNVA KQMLLQKNPS GHVLAIVKAN AYGHGAVQVA RFLKHCSSI DFGVSSIEE ALELRHGGIY NKIVLLEGFF TEEDELKLID DYNFSIIIHS EDQVNSFIKY PFNRPVEIWL KLDSGMNRLG FTSPQFMKFY NLLSNNKNVS NIGKITHFAF ADMLNPEHT LKQWDIFEKS VAHLPGPLSA GGSAILGWL NTVCTDWLRA GIMLYGISPF LSKNKDSKTP ESVNIKPAMK LVSTIISVKH VDKGQPIGYG GRYVATRDMK LGVVAMGYGD GFPRQVKDGC PVLVNGVKAP IVGRVSM DML TVDLS DIPDV KPGDEVIFWG TPELTVADIA KYCSDTSPYE LVTKLTRRVP LQYTY
Source	E.coli
Target Names	alr1
Protein Names	Recommended name: Alanine racemase, catabolic EC= 5.1.1.1
Expression Region	1-375
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.