



Recombinant Schizosaccharomyces pombe Alanine racemase, catabolic (alr1)

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| Product Code | CSB-YP524577SXV |
| 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 DGFGVSSIEE 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 | Yeast |
| 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. |
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