



Recombinant *Cyberlindnera saturnus* 1-aminocyclopropane-1-carboxylate deaminase

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| Product Code | CSB-MP755510CVC |
| 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. | Q7M523 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Cyberlindnera saturnus</i> (Yeast) (<i>Williopsis saturnus</i>) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SGVAKFAKYP LTFGPSPISN LNRLSQHLGS KVVVYAKRED CNSGLAFGGN KLRKLEYIVP DIVEGDYTHL VSIGGRQSNQ TRMVAALAAK LGKKCVLIQE DWVPIPEAEK DVYNRVGNIE LSRIMGADVR VIEDGFDIGM RKSFANALQE LEDAGHKPYP IPAGCSEHKY GGLGFVGFAD EVINQLEVELG IKFDKIVVCC VTGSTTAGIL AGMAQYGRQD DVIAIDASFT SEKTKEQTLR IANNTAKLIG VEHEFKDFTL DTRFAYPCYG VPNEGTEIAI RTCAEQEGVL TDPVYEGKSM QGLIALIKED YFKPGANVLY VHLGGAPALS AYSSFFPTKT A |
| Source | Mammalian cell |
| Protein Names | Recommended name: 1-aminocyclopropane-1-carboxylate deaminase Short name= ACC deaminase Short name= ACCD EC= 3.5.99.7 |
| Expression Region | 1-341 |
| 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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