



Recombinant D-alanine--D-alanine ligase A (ddlA)

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| Product Code | CSB-YP358843EOD |
| 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. | P0A6J9 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O157:H7 |
| Purity | >85% (SDS-PAGE) |
| Sequence | MEKLRVGIVF GGKSAEHEVS LQSAKNIVDA IDKSRFDVVL LGIDKQGQWH VSDASNYLLN ADDPAHIALR PSATSLAQVP GKHEHQLIDA QNGQPLPTVD VIFPIVHGTL GEDGSLQGML RVANLPFVGS DVLASAACMD KDVTKRLLRD AGLNIAPFIT LTRANRHNIS FAEVESKLG L PLFVKPANQG SSVGVSQVTS EEQYIAVDL AFEFDHKVIV EQGIKGREIE CAVLGNDNPQ ASTCGEIVLT SDFYAYDTKY IDEGAKVVV PAIAPEIND KIRIAVQAY QTLGCAGMAR VDVFLTPENE VVINEINTLP GFTNISMYPK LWQASGLGYT DLITRLIELA LERHAADNAL KTTM |
| Source | Yeast |
| Target Names | ddlA |
| Protein Names | Recommended name: D-alanine--D-alanine ligase A EC= 6.3.2.4 Alternative name(s): D-Ala-D-Ala ligase A D-alanylalanine synthetase A |
| Expression Region | 1-364 |
| 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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