



Recombinant Escherichia coli D-alanine--D-alanine ligase B (ddIB)

Product Code	CSB-EP357236ENV
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.	P07862
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	TDKIAVLLG G TSAEREVSL NSGAAVLAGL REGGIDAYPV DPKEVDVTQL KSMGFQKVFI ALHGRGGEDG TLQGMLELMG LPYTGSGVMA SALSMDKLR KLLWQGAGLP VAPWVALTRA EFEKGLSDKQ LAEISALGLP VIVKPSREGS SVGMSKVVAE NALQDALRLA FQHDEEV LIE KWLSGPEFTV AILGEEILPS IRIQPSGTFY DYEAKYLSDE TQYFCPAGLE ASQEANLQAL VLKAWTTLGC KGWGRIDVML DSDGQFYLL E ANTSPGMTSH SLVPMAARQA GMSFSQLVVR ILELAD
Source	E.coli
Target Names	ddIB
Protein Names	Recommended name: D-alanine--D-alanine ligase B EC= 6.3.2.4 Alternative name(s): D-Ala-D-Ala ligase B D-alanylalanine synthetase B
Expression Region	2-306
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 of Mature 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.