



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

Product Code	CSB-BP363875SZB
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.	P0A6K0
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
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	Baculovirus
Target Names	ddIA
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.
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.