



Recombinant *Synechocystis* sp. D-alanyl-D-alanine dipeptidase (ddpX)

Product Code	CSB-EP305013SSQ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P74268
Product Type	Recombinant Protein
Immunogen Species	<i>Synechocystis</i> sp. (strain PCC 6803 / Kazusa)
Purity	>85% (SDS-PAGE)
Sequence	MSFDTPLKPY LAIQDCGE PLAPINLEGV KSLKPHPYAQ VGADYQGRSP YVLR TGVLKR LDQARLTLAD IEPSWEILVF DAYRPIAVQQ FMVDHTFAEI VARDGLQGQV LTPEQKENIY HQVYQIWAVP NNNPLTPPPH STGAALDITL LDDL GQPVDM GGEIDELSAR SLPNYYQTVE PNSDRQRKEF EQYQRRRELL NTIMESAGFL RHPGEWWHFS QGDQLWAWQY NQRHPDHQKI AYYGRVE
Source	E.coli
Target Names	ddpX
Protein Names	Recommended name: D-alanyl-D-alanine dipeptidase Short name= D-Ala-D-Ala dipeptidase EC= 3.4.13.22
Expression Region	1-247
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.