



Recombinant Actinomadura sp. D-alanyl-D-alanine carboxypeptidase (dac)

Product Code	CSB-EP334511ACS
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.	P39045
Product Type	Recombinant Protein
Immunogen Species	Actinomadura sp. (strain R39)
Purity	>85% (SDS-PAGE)
Sequence	R LTELREDIDA ILEDPALEGA VSGVVVDDTA TGEELYSRDG GEQLLPASNM KLFTAAAALV LGADHSFGT EVAAESAPGR RGEVQDLYLV GRGDPTLSAE DLDAMAAEVA ASGVRTVRGD LYADDTWFDS ERLVDDWWPE DEPYAYSAAQI SALTVAHGER FDTGVTEVSV TPAAE GEPAD VDLGAAEGYA ELDNRAVTGA AGSANTLVID RPYGTNTIAV TGSLPADAAP VTALRTVDEP AALAGHLFEE ALESNGVTVK GDVGLGGVPA DWQDAEVLAD HTSAELSEIL VPFMKFSNNG HAEMLVKSIG QETAGAGTWD AGLVGVEEAL SGLGVDTAGL VLNDGSGLSR GNLVTADTVV DLLGQAGSAP WAQTWSASLP VAGESDPFVG GTLANRMRGT AAEGVVEAKT GTMSGVSALS GYVPGPEGEL AFSIVNNGHS GPAPLAVQDA IAVRLAEYAG HQAPE
Source	E.coli
Target Names	dac
Protein Names	Recommended name: D-alanyl-D-alanine carboxypeptidase Short name= DD-carboxypeptidase Short name= DD-peptidase EC= 3.4.16.4 Alternative name(s): Penicillin-binding protein Short name= PBP
Expression Region	50-515
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.