



Recombinant Escherichia coli Adenylosuccinate lyase (purB)

Product Code	CSB-EP001397ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AB89
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MELSSLTAVS PVDGRYGDKV SALRGIFSEY GLLKFRVQVE VRWLQKLAAH AAIKEVPAFA ADAIGYLDI VASFSEEDAA RIKTIERTTN HDVKAVEYFL KEKVAEIPPEL HAVSEFIHFA CTSEDINNLS HALMLKTARD EVILPYWRQL IDGIKDLAVQ YRDIPLLSRT HGQPATPSTI GKEMANVAYR MERQYRQLNQ VEILGKINGA VGNYNHIAA YPEVDWHQFS EEFVTSLGIQ WNPYTTQIEP HDYIAELFDC VARFNTILID FDRDVWGYIA LNHFKQKTIA GEIGSSTMPH KVNPIDFENS EGNLGLSNAV LQHLASKLPV SRWQRDLTDS TVLRNLGVGI GYALIA YQST LKGVSKLEVN RDHLLDELHD NWEVLAETIQ TVMRRYGIEK PYEKLKELTR GKRVD AEGMK QFIDGLALPE EEKARLKAMT PANYIGRAIT MVDELK
Source	E.coli
Target Names	purB
Protein Names	Recommended name: Adenylosuccinate lyase Short name= ASL EC= 4.3.2.2 Alternative name(s): Adenylosuccinase Short name= ASase
Expression Region	1-456
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.