



# Recombinant Escherichia coli Adenylosuccinate synthetase (purA)

<b>Product Code</b>	CSB-MP513295ENU
<b>Storage</b>	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.
<b>Uniprot No.</b>	C4ZR54
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGNNVVVLGT QWGDEGKGI VDLLTERAKY VVRYQGGHNA GHTLVINGEK TVLHLIPSGI LRENVTSIIG NGVVLSPAAL MKEMKELEDR GIPVRERLLL SEACPLILDY HVALDNAREK ARGAKAIGTT GRGIGPAYED KVARRGLRVG DLFDKETFAE KLKEVMEYHN FQLVNYKAE AVDYQKVLDD TMAVADILTS MVVDVSDLLD QARQRGDFVM FEQAQGTLLD IDHGTYPYVT SSNTTAGGVA TGSGLGPRYV DYVLGILKAY STRVGAGPFP TELFDETGEF LCKQGNEFGA TTGRRRTGW LDTVAVRRRAV QLNSLSGFCL TKLDVLDGLK EVKLCVAYRM PDGREVTTTP LAADDWKGVE PIYETMPGWS ESTFGVKDRS GLPQAALNYI KRIEELTGVP IDIISTGPDR TETMILRDPF DA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	purA
<b>Protein Names</b>	Recommended name: Adenylosuccinate synthetase Short name= AMPSase Short name= AdSS EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase
<b>Expression Region</b>	1-432
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.