



Recombinant Bradyrhizobium sp. Adenylosuccinate synthetase (purA)

Product Code	CSB-BP398979BPE
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.	A5ED09
Product Type	Recombinant Protein
Immunogen Species	Bradyrhizobium sp. (strain BTai1 / ATCC BAA-1182)
Purity	>85% (SDS-PAGE)
Sequence	MANVVVGAQ WGDEGKGVKIV DWLSEQADIV VRFQGGHNAG HTLVINGATY KLALLPSGVL RTGKLSVIGN GVVFDPAFL DEVSKLQSQG VAISPDNLRV AENVTLILPL HRELDALRES ASAATAIGTT RRGIGPAYED KVGRRAIRLM DLADLDTLPH KIDRLLAHHN ALRRGLGLEQ IDGKDILREL TAFAPKLLPY AETVWRLLDI KRREGKRMLF EGAQGALLDV DHGTYPYVTS SNTVAAQAAT GAGLPGAIG YVLGLCKAYT TRVGQGPFPPT EQDNETGRKI GERGREFGTN TGRPRRCGWF DAVLVRQAVR TCGINGLALT KLDILDGFDI IDVCTGYRLD GKEIDHFPAG EGAQARVEPI YETIEGWKQP TANARSWADL PAQAIKYVRR IEELVGCPA LLSTSPERED TILVQNPFEA
Source	Baculovirus
Target Names	purA
Protein Names	Recommended name: Adenylosuccinate synthetase Short name= AMPSase Short name= AdSS EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase
Expression Region	1-430
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.