



Recombinant *Bdellovibrio bacteriovorus* Adenylosuccinate synthetase (purA)

Product Code	CSB-MP764525BFP
Abbreviation	purA
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.	Q6MN06
Product Type	Recombinant Protein
Immunogen Species	<i>Bdellovibrio bacteriovorus</i> (strain ATCC 15356 / DSM 50701 / NCIB 9529 / HD100)
Purity	>85% (SDS-PAGE)
Sequence	MSGVVVGAQ WGDEGK GKLI DVFAEKADMV VRYQGGANAG HTLVVNGQKT VLHLVPSGIL RPETTCVIAS GVVIDVFSIR DEIKKDKDTG FLQNPQQLLI SDTATLILPY HKALDAAREA ALSDGKIGTT GKGIGPAYED RASRRAILFG DLFDKDNLKK KLELALTEKN FMLENYKGS TFKADDLIKD LLAVAEELAP YRTKDTSLFI SKSLKSGKRV LFEGAQGTML DILHGTYPFV TSSSTLASNA CASAGIGPAS VQKVIGVFKA YTTRVGSGPF PTELNDEIGK KIQADGHEFG STTGRSRRCG WLDLVALKYA IRVNGITNLA MMKLDVLTGH DRIGVCTAYK LNGEITDLP TSPYELEKVE PVIEWIPGWT QDLTKVKTLS DLPRPTTNYI DYLGSQLGTP IDVISVGPGR EQTLWVKPLF NN
Source	Mammalian cell
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	1-432
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.