



Recombinant *Salmonella typhimurium* Adenosylmethionine-8-amino-7-oxononanoate aminotransferase (bioA)

Product Code	CSB-EP319002SXB-B
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.	P12677
Product Type	Recombinant Protein
Immunogen Species	<i>Salmonella typhimurium</i> (strain LT2 / SGSC1412 / ATCC 700720)
Purity	>85% (SDS-PAGE)
Sequence	MTTDDLAFDK RHIWHPYTSM TSPLPVYPVE RAEGCELVLA SGKRLIEGMS SWWAAIHGYN HPQLNAAMKA QIDAMSHVMF GGITHQPAVN LCRKLVAITP EPLECVFLAD SGSVSVEVAM KMALQYWQAR GESRQRFLT RHGYHGDTFG AMSVCDPDNS MHSLWKGYLP ENLFAPAPQS RMDGEWDESD IAPFARLMAA HRHEIAAVIL EPIVQGAGGM RIYHPQWLRR IRNMCDREGI LLIAD E IATG FGRTGKLFAC EHAGIAPDIL CLGKALTGGT MTLSATLTTR QVAETISNGE AGCFMHGPTF MGNPLACAVA CANLTLES G EWRQQVASIE SQLRAELAPA QSSPWVADVR VLGAIGVVET THPVNMAALQ RFFVGQGVWI RPF GKLIYLM PPYIIRPDQL RRLTQAVNDA VHNETFFSH
Source	E.coli
Target Names	bioA
Protein Names	Recommended name: Adenosylmethionine-8-amino-7-oxononanoate aminotransferase EC= 2.6.1.62 Alternative name(s): 7,8-diamino-pelargonic acid aminotransferase Short name= DAPA AT Short name= DAPA aminotransferase 7,8-diaminon
Expression Region	1-429
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.