



Recombinant *Drosophila ananassae* Adenylosuccinate synthetase (GF17012)

Product Code	CSB-EP461191DKY
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.	B3M343
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila ananassae</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSESSAINGN HYEQLHQGRT KMYKSKVAVV LGAQWGDEGK GKVVDMLASD VDIVCRCQGG NNAGHTVVAN GTEFDFHLLP SGVVNEKCVS VINGVVIHL PSLFDEV LKN EAKGLQHLEN RLIISDRAHL VFDFHQHVDG MQEAEKGGKS LGTTKKGIGP AYSSKATRNG IRVGELLGDF NLFSDKFKSI VATHVRLFPS INVDVEAELA RYKDYAEKVR PYVKDTICFL HTALRNGKTI LVEGANAA ML DIDFGTYPYV TSSNCSIGGV LTGLGLPPQT IGEVIGVVKA YTTRVGDGPF PTEQLNDIGD LLQTRGFEIG VTTKRKRRCG WLDIPLLKYT SLVNGYTCIC ITKLDILDTL PEIKVAVAYK KPNGEKLDHF PGTIAELGAI EVEYAVLPGW QTSTEHIRNF KELPENAQNY VRFLESELSV PVRWVGVGKG RESIINVH
Source	<i>E. coli</i>
Target Names	GF17012
Protein Names	Recommended name: Adenylosuccinate synthetase Short name= AMPase Short name= AdSS EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase
Expression Region	1-448
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.