



# Recombinant *Drosophila ananassae* Adenylosuccinate synthetase (GF17012)

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