



Recombinant *Drosophila melanogaster* Argininosuccinate synthase (CG1315)

Product Code	CSB-EP002234DLU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O97069
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MPKETVILAY SGGLDTSCVL KWLLDKQYEV ICVLADVGQK EDFTAAEKKA LKIGAKKVIV ADVKQSFVED YIWPAVQMGL VYEERYLLGT SLARPCISVA LMEVAREYGA KYLAHGATGK GNDQVRFELC AYALKPDLKI IAPWRDVEFC CQFQGRQDLI AYAQQHGIEV SAKPATPWST DANILHISYE SGILEDPNTV APENLYEMTV DPLTRAPRDP VHLVIQFDRG LPSSVEDLPG GRVYTKPLEM LDFLNKLGGS YGIGRIDIVE NRFVGLKSRG VYETPGGTIL FAAHQDLEVF ALDREVLRTK QVLRDRMADY VYNGFWFSPE AIYARKCIEL AEQRVSGKVT VELAPGYCRA IARKAAKDVG ALYNEQLVSM DVHGGYVPQD AGGFIAINAV RIREHVRAFG AYDVPTKKN
Source	<i>E.coli</i>
Target Names	CG1315
Protein Names	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
Expression Region	1-419
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.