



Recombinant *Synechococcus elongatus* Argininosuccinate lyase (argH)

Product Code	CSB-EP002213FPY-B
Abbreviation	argH
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.	Q8GIS1
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTQAAAPQPW SDRFETALHP AIVVFNASIG FDLALIEYDL TGSQAHAQML AEQDIISREE GEIVAGLEQ IRSEYRTGQF QPGLDAEDVH FAVERRLTE LGDVGGKLLHT ARSRNDQVGT DTRLYLDRV DHIRQQLRDY QRVLLSQAEQ HLETLIPGYT HLQRAQPLSL AHHLHAYLEM AERDWERLGD LRKRLNTSPL GAGALAGTTF PIDRQRTAAL LGFERIYANS LDAVSDRDSL VEFLAAASLI MVHLSRLAEE VILWASEEFR FVRLSDRCAT GSSIMPQKKN PDVPELVGRGK TGRVFGHLQA LLVVLKGLPL AYNKDLQEDK EGLFDAQTV ESCLEAMTIL FAEGLSFQPD RLAAAVEADF SNATDVADYL AARGVVPFREA YNLVGRVVRT CLEQGKLLKD LSLAEWQALH PQFEADIYTA IAPQQVVAAR NSLGGTGFEQ VRSALASVRQ RLEATC
Source	E.coli
Target Names	argH
Protein Names	Recommended name: Argininosuccinate lyase Short name= ASAL EC= 4.3.2.1 Alternative name(s): Arginosuccinase
Expression Region	1-466
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.