



Recombinant Argininosuccinate synthase (argG)

Product Code	CSB-EP727802SRW
Abbreviation	argG
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.	Q67KE1
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MAKKKCVLAY SGGLDTSVAI HWIKENYDAD VVALAVDVGA NDKDLEFIRQ KALSIGAVKS YVYDARKEFA YDFILPTLQA NACYESKYYL SAALSRPLIA KLLVQIAEEE GADFVAHGCT GKGNDQVRFE VSVAALNPNL QVLAPVREWG WSREEEIDYA QKHGIPVPVG KENPFSIDVN LWGRSCEAGV LEDPWAEAPE EAFEWTVNPK DAPDEPEYVE IGFEQGVPS LNGEALDLVT LIERLHAIAG RHGVGRIDHV ENRLVGIKSR EVYEMPAAAV LTLAHKELET ITLPRELHHF KLGLEQKYAE LVYNGLWFHP LKEALDAFIK KSQETVTGTV RVRLFKGSAF CVGRTSPYTL YSYDLATYDK ADKFDHKAAC GFIDIFGLPT KVYAAVQKSK A
Source	E.coli
Target Names	argG
Protein Names	Recommended name: Argininosuccinate synthase EC= 6.3.4.5 Alternative name(s): Citrulline--aspartate ligase
Expression Region	1-401
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.