



Recombinant Escherichia coli Arginine--tRNA ligase (argS)

| | |
|--------------------------|---|
| Product Code | CSB-BP540021ENX |
| 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. | B1LCZ5 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain SMS-3-5 / SECEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MNIQALLSEK VRQAMIAAGA PADCEPQVRQ SAKVQFGDYQ ANGMMAVAKK LGMAPRQLAE QVLTHLDLNG IASKVEIAGP GFINIFLDP A FLADHVQQAL ASDRLGVATP EKQTIVVDYS APNVAKEMHV GHLRSTIIGD AAVRTLEFLG HKVIRANHVG DWGTQFGMLI AWLEKQQQEN AGEMELADLE GFYRDAKKHY DEDEEFAERA RNYVVKLQSG DEYFREMWRK LVDITMTQNQ ITYDRLNVTL TRDDVMGESL YNPMLPGIVA DLKAKGLAVE SEGATVVFLD EFKNKEGEP M GVIIQKKDGG YLYTTTDIAC AKYRYETLHA DRVLYYIDSR QHQHLMQAWA IVRKAGYVPE SVPLEHHMFG MMLGKDGKPF KTRAGGTVKL ADLLDEALER ARRLVAEKNP DMPADELEKL ANAVGIGAVK YADLSKNRTT DYIFDWDNML AFEGNTAPYM QYAYTRVLSV FRKAEIDEEQ LAAAPVIIRE DREAQLAARL LQFEETLTVV AREGTPHVMC AYLYDLAGLF SGFYEHCPIL SAENEVVRNS RLKLAQLTAK TLKLGLDTLG IETVERM |
| Source | Baculovirus |
| Target Names | argS |
| Protein Names | Recommended name: Arginine--tRNA ligase EC= 6.1.1.19 Alternative name(s): Arginyl-tRNA synthetase Short name= ArgRS |
| Expression Region | 1-577 |
| 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.