



Recombinant Escherichia coli O81 Arginine--tRNA ligase (argS)

Product Code	CSB-MP485338EOP
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.	B7MW70
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O81 (strain ED1a)
Purity	>85% (SDS-PAGE)
Sequence	MNIQALLSEK VRQAMIAAGA PADCEPQVRQ SAKVQFGDYQ ANGMMAVAKK LGMAPRQLAE QVLTHLDLNG IASKVEIAGP GFINIFLDP A FLAEHVQQAL ASDRLGVATP EKQTIVVDYS APNVAKEMHV GHLRSTIIGD AAVRTLEFLG HKVIRANHVG DWGTQFGMLI AWLEKQQQEN AGEMELADLE GFYRDAKKHY DEDEEFAERA RNYVVKLQSG DEYFHEMWRK 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 FRKAEINEEQ LAAAPVIIRE DREAQLAARL LQFEETLTVV AREGTPHVMC AYLYDLAGLF SGFYEHCPIL SAENEVVRNS RLKLAQLTAK TLKLGLDTLG IETVERM
Source	Mammalian cell
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.



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