



Recombinant Escherichia coli O45:K1 tRNA 2-selenouridine synthase (selU)

Product Code	CSB-MP487762EOK
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.	B7ME26
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MQERHTEQDY RALLIADTPI IDVRAPIEFE QGAMPAAINL PLMNNDERAA VGICYKQQGS DAALALGHKL VAGEIRQQRD DAWRAACLQN PHGILCCARG GQRSHIVQRW LHDAGIDYPL VEGGYKALRQ TAIQATIELS QKPIVLIGGC TGCGKTLVQ QQPNGVDLEG LARHRGSAFG RTLQPQLSQA SFENLLAEM LKTDARQNLK LWVLEDESRM IGSNHLPECL RERMTQATIA VVEDPFEIRL ERLNEEYFLR MHHDFTHAYG DEQGWQEYCE YLHHGLSAIK RRLGLQRYNE LAARLDAALT TQLTTGSTDG HLAWLVPLE EYYDPMYRYQ LEKKAEKVVF RGEWAEVAEW VKAQ
Source	Mammalian cell
Target Names	selU
Protein Names	Recommended name: tRNA 2-selenouridine synthase EC= 2.9.1.- Alternative name(s): Selenophosphate-dependent tRNA 2-selenouridine synthase
Expression Region	1-364
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.