



Recombinant Escherichia coli L-seryl-tRNA (Sec) selenium transferase

Product Code	CSB-EP512620ENU-B
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.	C4ZXI2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MTTETRFlys QLPaidrLLR DSSFLSLRDT YGHTRVVELL RQMLDEAREV IRGSQTLPAW CENWAQEVDA RLtKEAQSAL RPVINLTGTV LHTNLGRALQ AEAAVEAVAQ AMRSPVTLEY DLDDAGRGRH DRALAQLLcr ITGAEDACIV NNNAAVLLM LAATASGKEV VVSRGELVEI GGAFRIPDVM RQAGCTLHEV GTTNRTHAND YRQAVNENTA LLMKVHTSNY SIQGFtKAID EAELVALGKE LDVPVVDLG SGSLVDLSQY GLPKEMPQE LIAAGVSLVS FSGDKLLGGP QAGIIVGKKE MIARLQSHPL KRALRADKMT LAALeATLRL YLHPEALSEK LPTLRLlTRS AEVIQIQAQR LQAPLAAHYG AEFavQVMPC LSQIGSGSLP VDRLPSAALT FtpHDGRGSH LESLAARWRE LPVPVIGRIY DGRLWLDLRC LEDEQRfLEM LLK
Source	E.coli
Target Names	selA
Protein Names	Recommended name: L-seryl-tRNA(Sec) selenium transferase EC= 2.9.1.1 Alternative name(s): Selenocysteine synthase Short name= Sec synthase Selenocysteinyl-tRNA(Sec) synthase
Expression Region	1-463
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.