



Recombinant O-phosphoseryl-tRNA (Sec) selenium transferase (secs-1)

Product Code	CSB-YP619234CXY
Abbreviation	secs-1
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.	Q18953
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	≥85% (SDS-PAGE)
Sequence	MKANFGKKEG EYSRLVSKSS NKLLNSLWEK KQIPEEGWSE HTLDFLSWL SSHDTNRRVD MIPVGAGERE GRVLTPLVQR LHSNLTHGIG RSGNLLIQP KALGSSMLAC LSNEFAKHAL HLLGLHAVKS CIVVPLCTGM SLSLCMTSWR RRRPKAKYVV WLRIDQKSSL KSIYHAGFEP IIVEPIRDRD SLITDVETVN RIIEQRGEEI LCVMTTSCF APRSPDNVEA ISAICAAHDV PHLVNNAYGL QSEETIRKIA AAHECGRVDA VVQSLDKNFQ VPGGAVIAA FKQNHQISIA QSYPGRASSV PSRDLVLTLL YQQQSAFLEP FGKQKQMFLK MRRKLISFAE NIGECVYEVP ENEISSAMTL STIPPAKQTL FGSILFAKGI TGARVVTSSQ SKTTIEGCEF INFGSHTTEQ HGGYLNACS VGMTDHELEE LFTRLTSSYA KRVRELAKED ERINSSGRRP PINESFDMEN D
Source	Yeast
Target Names	secs-1
Protein Names	Recommended name: O-phosphoseryl-tRNA(Sec) selenium transferase EC=2.9.1.2 Alternative name(s): Selenocysteine synthase Short name= Sec synthase Selenocysteinyl-tRNA(Sec) synthase Sep-tRNA:Sec-tRNA synthase Short name=
Expression Region	1-481
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.