



# Recombinant Dictyostelium discoideum O-phosphoseryl-tRNA (Sec) selenium transferase (sepsecs)

<b>Product Code</b>	CSB-EP684740DKK
<b>Abbreviation</b>	sepsecs
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q54VQ6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Dictyostelium discoideum (Slime mold)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNLKNLETCK GLIKGSYIDQ AIQGTSQFNK LLETLLIHKK LPNIGYNDKI IELILNEISL MDSNNFIENI GVGREGRIY SGLVEKRHYG FAHGIGRSGD ITEQQPKAAG SSLIQKLTHS LVLDAMKLAG LEQSSLSNCL LLPMATGMTL ALTMLTLKSI NANNKRYVLW PRIDQKSCCLK SIITAGLIPI VIPNQLDGDM IRTDLVAIED KIKELGVDNI LCVFSTTSCF APRVPDKIIE ISEICKRYNI GHIINNAYGL QCSKILHNIS QACKLGRVDA FIQSTDKNFM VPVGGAIISG PNSEFIDQIS RNYPGRANSS PILDVFITLL SMGKQGWLNL LKERKELLY FNEQLSKFAL ENNEKLLNTI NENKISFALT LSSNNFNNE EIISNNNNNN NNTFSMIGSK LFSRSCSGSR VIDLKSNNKL LIGGLEFNKY GSHIDNYSTS YLTVACAIGI TKLEIDTFIQ RLSKLFNKK
<b>Source</b>	E.coli
<b>Target Names</b>	sepsecs
<b>Protein Names</b>	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=
<b>Expression Region</b>	1-479
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.