

## Selenocysteinyl-tRNA(Sec) synthase Human Recombinant

<b>Item Number</b>	rAP-1832
<b>Synonyms</b>	SLA, SLA/LP autoantigen, SLA-p35, Selenocysteinyl-tRNA(Sec) synthase, Selenocysteine synthase, Liver-pancreas antigen, Soluble liver antigen, Sec synthase, UGA suppressor tRNA-associated protein.
<b>Description</b>	SEPSECS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 521 amino acids (1-501a.a.) and having a molecular mass of 57.9kDa. SEPSECS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9HD40
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MNRESFAAGE RLVSPAYVRQ GCEARRSHEH LIRLLLEK GK CPENGWDEST LELFLHELAI MDSNNFLGNC GVGEREGRVA SALVARRHYR FIHGIGRSGD ISAVQPKAAG SLLNKITNS LVLDIIKLAG VHTVANCFVV PMATGMSLTL CFLTLRHKRP KAKYIIWPRI DQKSCFKSMI TAGFEPVVE NVLEGDELRT DLKAVEAKVQ ELGPDCLCI HSTTSCFAPR VPDRLEELAV ICANYDIPHI VNNAYGVQSS KCMHLIQQGA RVGRIDAFVQ SLDKNFMVPV GGAIAGFND SFIQEISKMY PGRASASP SL DVLITLLSLG SNGYKLLKE RKEMFSYLSN QIKKLEAYN ERLHTPHNP ISLAMTLKTL DEHRDKAVTQ LGSMLFTRQV SGARVVPLGS MQTVSGYTFR GFMSHTNNYP CAYLNAASAI GMKMQVDVLF IKRLDRCLKA VRKERSKESD DNYDKTEDVD IEEMALKLDN VLLD TYQDAS S.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles
<b>Formulation and Purity</b>	The SEPSECS protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**