

32-2805: SEPSECS Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. 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. SEPSECS catalyzes the last step of sec synthesis by way of converting O-phosphoseryl-tRNA(sec) to selenocysteinyl-tRNA(sec) using selenophosphate as the selenium donor. Furthermore, SEPSECS protein is considered a specific marker of autoimmune hepatitis.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The SEPSECS protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol.
Storage condition : 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 it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MNRESFAAGE RLVSPAYVRQ GCEARRSHEH LIRLLLEKGG
CPENGWDEST LELFLHELAI MDSNNFLGNC GVGEREGRVA SALVARRHYR FIHGIGRSGD ISAVQPKAAG
SSLLNKITNS LVLDIIKLAG VHTVANCFVV PMATGMSLTL CFLTLRHKRP KAKYIWPRI DQKSCFKSMI
TAGFEPVVIE NVLEGDELRT DLKAVEAKVQ ELGPDCILCI HSTTSCFAPR VPDRLEELAV ICANYDIPHI
VNNAYGVQSS KCMHLIQQGA RVGRIDAFVQ SLDKNFMVPV GGAIAGFND SFIQEISKMY PGRASASPSL
DVLITLLSLG SNGYKLLKE RKEMFSYLSN QIKKLSEAYN ERLHHTPHNP ISLAMTLKTL DEHRDKAVTQ
LGSMLFTRQV SGARVVPLGS MQTVSGYTFR GFMSHTNNYP CAYLNAASAI GMKMQDVDLF IKRLDRCLKA
VRKERSKESD DNYDKTEDVD IEEMALKLDN VLLDTYQDAS S.