

32-6911: SEPSECS Mouse

Alternative Name : AA986712, D5ErtD135e, SecS, 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, SepSecS.Â

Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

SEPSECS catalyzes the last step of sec synthesis by 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.

SEPSECS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 527 amino acids (1-504 a.a.) and having a molecular mass of 57.7kDa. SEPSECS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : The SEPSECS protein solution (0.25 mg/ml) is formulated in 20mM Tris-HCl buffer (pH7.5) 1mM DTT, 0.2M NaCl and 50% 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 storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles

Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMPESFA AGERRVSPAY VRQGCEARRA HEHLIRLLE
QKCPEDGWD ESTLELFLHE LAVMDSNNFL GNCVGEREG RVASALVARR HYRFIHGIGR SGDISAVQPK
AAGSSLLNKI TNSLVLNVIK LAGVHSVASC FVVPATGMS LTLCFLTRH KRPKAKYIHW PRIDQKSCFK
SMVTAGFEPV VIENVLEGDE LRTDLKAVEA KIQLGPEHI LCLHSTTACF APRVPDRLEE LAVICANYDI
PHVVNNAYGL QSSKCMHLIQ QGARVGRIDA FVQSLDKNFM VPVGGAIAG FNEPFIQDIS KMYPGRASAS
PSLDVLITLL SLGCSGYRKL LKERKEMFVY LSTQLKLAE AHNERLLQTP HNPISLAMTL KTIDGHHDKA
VTQLGSMMLFT RQVSGARAVP LGNVQTVSGH TFRGFMSHAD NYPCAYLNAA AAIGMKMQDV
DLFIKRLDKC LNIVRKEQTR ASVMSGADRN KAEDADIEEM ALKLDDVLGD VGQGPAL.