ARG10652
Human soluble liver / pancreas antigen recombinant protein (His-tagged, N-ter)

Package: 1 mg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (N-Terminus) Human soluble liver / pancreas antigen recombinant protein
Tested Application	MS, SDS-PAGE
Target Name	Soluble liver / pancreas antigen recombinant protein
Species	Human
A.A. Sequence	aa. 1 - 501 of soluble liver/pancreas antigen recombinant protein with His - tag: MGSSH HHHHH SSGLV PRGSH MNRES FAAGE RLVSP AYVRQ GCEAR RSHEH LIRLL LEKGK CPENG WDEST LELFL HELAI MDSNN FLGNC GVGER EGRVA SALVA RRHYR FIHGI GRSGD ISAVQ PKAAG SSLLN KITNS LVLDI IKLAG VHTVA NCFVV PMATG MSLTL CFLTL RHKRP KAKYI IWPRI DQKSC FKSMI TAGFE PVVIE NVLEG DELRT DLKAV EAKVQ ELGPD CILCI HSTTS CFAPR VPDRL EELAV ICANY DIPHI VNNAY GVQSS KCMHL IQQGA RVGRI DAFVQ SLDKN FMVPV GGAII AGFND SFIQE ISKMY PGRAS ASPSL DVLIT LLSLG SNGYK KLLKE RKEMF SYLSN QIKKL SEAYN ERLLH TPHNP ISLAM TLKTL DEHRD KAVTQ GSMLF TRQVS GARVV PLGSM QTVSG YTFRG FMSHT NNYPC AYLNA ASAIG MKMQD VDLFI KRLDR CLKAV RKERS KESDD NYDKT EDVDI EEMAL KLDNV LLDTY QDASS
Expression System	E. coli
Alternate Names	LP; SLA; PCH2D; SLA/LP; O-phosphoseryl-tRNA(Sec) selenium transferase; EC 2.9.1.2; Liver-pancreas antigen; LP; SLA-p35; SLA/LP autoantigen; Selenocysteine synthase; Sec synthase; Selenocysteinyl-tRNA(Sec) synthase; Sep-tRNA:Sec-tRNA synthase; SepSecS; Soluble liver antigen; SLA; UGA suppressor tRNA-associated protein; tRNA(Ser/Sec)-associated antigenic protein

Application Instructions

Application Note	Observed MW: 57.9 kDa (521aa) confirmed by MALDI-TOF.

Properties

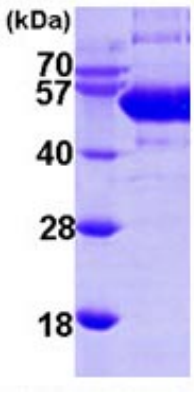
Form	Liquid
Purity	> 90% (by SDS-PAGE)
Buffer	Tris-HCl buffer (pH 8.0), 10% Glycerol, 0.15M NaCl and 1mM DTT.
Stabilizer	10% Glycerol
Concentration	0.25 mg/ml
Storage instruction	For continuous use, store undiluted protein at 4°C for up to 2-7 days. For long term storage, aliquot and store at -20°C or -80°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SEPSECS

Gene Full Name	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase
Background	The amino acid selenocysteine is the only amino acid that does not have its own tRNA synthetase. Instead, this amino acid is synthesized on its cognate tRNA in a three step process. The protein encoded by this gene catalyzes the third step in the process, the conversion of O-phosphoseryl-tRNA(Sec) to selenocysteinyl-tRNA(Sec). [provided by RefSeq, Mar 2011]
Function	Converts O-phosphoseryl-tRNA(Sec) to selenocysteinyl-tRNA(Sec) required for selenoprotein biosynthesis. [UniProt]

Images



ARG10652 Human soluble liver/pancreas antigen recombinant protein (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE: 15% SDS-PAGE analysis of 3 µg ARG10652 Human soluble liver/pancreas antigen recombinant protein (His-tagged, N-ter).