

## 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
Species	Bacteria
A.A. Sequence	aa. 1-501 of soluble liver/pancreas antigen recombinant protein with His-tag: MGSSH HHHHH SSSLV PRGSH MNRES FAAGE RLVSP AYVRQ GCEAR RSHEH LIRLL LEK GK CPENG WDEST LELFL HELAI MDSNN FLGNC GVGER EGRVA SALVA RRHYR FIHGI GRSGD ISAVQ PKAAG SLLN 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 GGAI AGFND SFIQE ISKMY PGRAS ASPSL DVLIT LLSLG SNGYK KLLKE RKEMF SYLSN QIKKL SEAYN ERL LH TPHNP ISLAM TLKTL DEHRD KAVTQ GSMLF TRQVS GARVV PLGSM QTVSG YTFRG FMSHT NNYP C AYLNA ASAIG MKMQD VDLFI KRLDR CLKAV RKERS KESDD NYDKT EDVDI EEMAL KLDNV LLD TY QDASS
Expression System	E. coli
Alternate Names	LP; SLA; PCH2D; SLA/LP; O-phosphoserine-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.
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### 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	0.5 mg/ml
Storage instruction	Lyophilized protein should be stored at -20°C. 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. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. The protein solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

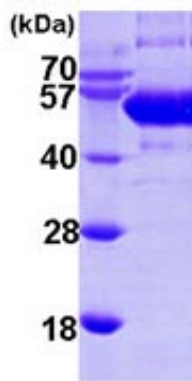
## Bioinformation

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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

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

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