

Recombinant Human SEPSECS Protein, His-tagged(N-Terminus)

Cat. No. SEPSECS-290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPSECS Protein with His tag (N-Terminus) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-501
Description	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]
Form	Liquid
Purity	> 90% (by SDS-PAGE)
Applications	MS, SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. For continuous use, store undiluted

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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.

Concentration 0.5 mg/ml

Storage Buffer Tris-HCl buffer (pH 8.0), 10% Glycerol, 0.15M NaCl and 1mM DTT.

Preservative 10% Glycerol

GENE INFORMATION

Gene Name SEPSECS Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase [Homo sapiens (human)]

Official Symbol SEPSECS

Synonyms SEPSECS; Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase; LP; SLA; SecS; PCH2D; SLA/LP; SLA-p35; O-phosphoseryl-tRNA(Sec) selenium transferase; SLA/LP autoantigen; UGA suppressor tRNA-associated protein; liver-pancreas antigen; soluble liver antigen; soluble liver antigen/liver pancreas antigen; tRNA(Ser/Sec)-associated antigenic protein; EC 2.9.1.2

Gene ID 51091

mRNA Refseq NM_016955

Protein Refseq NP_058651

MIM 613009

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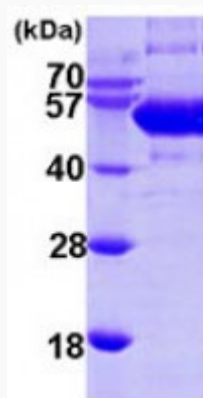
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UniProt ID

Q9HD40

SDS-PAGE



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