

Recombinant Human SEPSECS protein, His-tagged

Cat. No. SEPSECS-2322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPSECS protein(Q9HD40)(1-501aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	1-501aa
Tag	C-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MNRESFAAGERLVSPAYVRQGCEARRSHEHLIRLLLEKGKCPENGWDESTLELFLH
ELAIMDSNNFLGNCVGEREGRVASALVARRHYRFIHGIGRSGDISAVQPKAAGSSL
LNKITNSLVLDIIKLAGVHTVANCFFVPMATGMSLTLCFLT LRHKRPKAKYIWPRIQK
SCFKSMITAGFEPVVIENVLEGDELRTDLKAVEAKVQELGPDCILCIHSTTSCFAPRV
PDRLEELAVICANYDIPHIVNNAYGVQSSKCMHLIQQGARVGRIDAFVQSLDKNFMV
PVGGAIAGFNDSTFIQESKMYPGRASASPSLDVLITLLSLGSNGYKKLLKERKEMFSY
LSNQIKKLSEAYNERLLHTPHNPISLAMTLKTLDEHRDKAVTQLGSMLFTRQVSGAR
VVPLGSMQTVSGYTFRGFMSHTNNYPCAYLNAASAIGMKMQDVLFIKRLDRCLKA
VRKERSKESDDNYDKTEDVDIEEMALKLDNVLLDTYQDASS

GENE INFORMATION

Gene Name

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

Official Symbol

[SEPSECS](#)

Synonyms

SEPSECS; Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase; O-phosphoseryl-tRNA(Sec) selenium transferase; SLA; SLA/LP; soluble liver antigen/liver pancreas antigen; SLA-p35; SLA/LP autoantigen; soluble liver antigen; liver-pancreas antigen; UGA suppressor tRNA-associated protein; tRNA(Ser/Sec)-associated antigenic protein; LP; PCH2D; MGC161491; DKFZp434B1417;

Gene ID

[51091](#)

mRNA Refseq

[NM_016955](#)

Protein Refseq

[NP_058651](#)

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MIM 613009

UniProt ID Q9HD40

SDS-PAGE



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