

Recombinant Human SEPSECS, GST-tagged

Cat. No. SEPSECS-2580H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPSECS protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-306aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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	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
MIM	613009
UniProt ID	Q9HD40
Chromosome Location	4p15.2
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Selenium Metabolism and Selenoproteins, organism-specific biosystem; Selenocompound metabolism, organism-specific biosystem; Selenocompound metabolism, conserved biosystem;
Function	peroxidase activity; pyridoxal phosphate binding; tRNA binding; transferase activity, transferring selenium-containing groups;