

Recombinant Human SEPSECS Protein, His-tagged

Cat. No. SEPSECS-162H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPSECS fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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)
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	55.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SEPSECS Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase [Homo sapiens]
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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
MIM	613009
UniProt ID	Q9HD40

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