

SEPSECS Protein, Human, Recombinant (His & Myc)

General Information

Synonyms:	O-phosphoserine-tRNA(Sec) selenium transferase;Sep-tRNA:Sec-tRNA synthase (SepSecS); Soluble liver antigen (SLA);TRNP48;UGA suppressor tRNA-associated protein;Liver-pancreas antigen (LP);Selenocysteinyl-tRNA(Sec) synthase;tRNA(Ser/Sec)-associated antigenic protein;Selenocysteine synthase (Sec synthase);SEPSECS;SLA/LP autoantigen;SLA-p35
Protein Construction:	1-501 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q9HD40
Molecular Weight:	63.2 kDa (Predicted)
AA Sequence:	MNRESFAAGERLVSPAYVRQGCEARRSHEHLIRLLLEKGGKCPENGWDESTLELFLHELAIMDSNNFLGNCGV GEREGRVASALVARRHYRFIHGIGRSGDISAVQPKAAGSSLLNKITNSLVLDIILAGVHTVANCFFVPMATGM SLTLCFLTLRHKRPKAKYIIWPRIDQKSCFKSMITAGFEPVVIENVLEGDELRTDLKAVEAKVQELGPDICILCIHST TSCFAPRVPDRLEELAVICANYDIPHIVNNAYGVQSSKCMHLIQQGARVGRIDAFVQSLDKNFMVVPVGGAIIA GFNDSFIQEISKMYPGRASASPLDLITLLSLGNGYKLLKERKEMFSYLSNQIKLSEAYNERLLHTPHNPIS LAMTLKTLDEHRDKAVTQLGSMFLTRQVSGARVVPLGSMQTVSGYFRGFMSTNNYPCAYLNAASAIGMK MQDVDLFIKRLDRCLKAVRKERSKESDDNYDKTEDVDIEEMALKLDNVLLDITYQDASS

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	Not tested.
Formulation:	Lyophilized from PBS, 6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 231 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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