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Datasheet for ABIN1677904  
**SEPSECS Protein (AA 1-490) (His tag)**

### Overview

Quantity:	1 mg
Target:	SEPSECS
Protein Characteristics:	AA 1-490
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEPSECS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MNSENFRLE KLVASASYVRQ GLDARRGHEQ LIRRLLDQ GK CPEEGWSEST IELFLNELAV MDSNNFLGNC GVGEREGRVA SSLVARRHYR LIHGIGRSGD IAAVQPKAAG SLLNKITNS VVLVDLKL TG VRSVSSCFV PMATGMSLTL CFLTLRHRRP KARYILWPRI DQKSCFKSMV TAGFEPVIE NVLEGDELRT NLEEVERKIE EFGAENTLCV HSTTSCFAPR VPDRLEELSV LCAKHDIPHI VNNAYGVQPS KCMHLIQQGA RVGRIDAFVQ SLDKNFVVPV GGAIAGFDE NFIQEISKIY PGRASAPSL DVLITLLTLG ANGYKLLAD RKELYGH LAQ ELSALAA RHG ERLLKTPHNP ISLAMSLNHL EAHSSSAVTQ LGSMLFTRQV SGARVVPLGV QQT VSGHTFS GFMSHSEAYP CPYLNAASAI GITKGDVTVC MKRLGKCLKI LKKEKSDPAD LEAEDGELEE SPQRSTELRV
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: SEPSECS

Alternative Name: O-phosphoseryl-tRNA (Sec) selenium transferase (sepsecs) ([SEPSECS Products](#))

Background: Recommended name: O-phosphoseryl-tRNA(Sec) selenium transferase.  
EC= 2.9.1.2.  
Alternative name(s): Selenocysteine synthase.  
Short name= Sec synthase Selenocysteinyl-tRNA(Sec) synthase Sep-tRNA:Sec-tRNA synthase.  
Short name= SepSecS Soluble liver antigen/liver pancreas antigen-like UGA suppressor tRNA-associated protein homolog

UniProt: [Q803A7](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.