

Datasheet for ABIN667644

Seryl-tRNA Synthetase (SARS) (AA 1-514) protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Seryl-tRNA Synthetase (SARS)
Protein Characteristics:	AA 1-514
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	SARS, 1-514aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Seryl-tRNA Synthetase (SARS)
Alternative Name:	SARS (SARS Products)
Background:	<p>SARS (Seryl-tRNA synthetase, cytoplasmic) belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases function to catalyze the aminoacylation of tRNAs by their corresponding amino acids, thus linking amino acids with tRNA-contained nucleotide triplets.</p> <p>This enzyme catalyzes the attachment of serine to tRNA(Ser). It is probably able to aminoacylate tRNA(Sec) with serine, to form the misacylated tRNA L-seryl-tRNA(Sec), which</p>

Target Details

will be further converted into selenocysteinyl-tRNA(Sec). Recombinant human SARS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Seryl-tRNA synthetase, SERRS, SERS. NCBI no.: NP_006504

Molecular Weight: 61.2kDa (537aa)

Application Details

Restrictions: For Research Use only

Handling

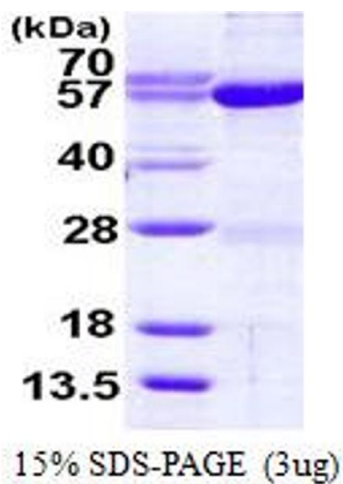
Format: Liquid

Concentration: 0.5mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.