

# Recombinant Full Length Human SARS Protein

Cat. No. SARS-454HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Seryl-tRNA synthetase with an N-terminal proprietary tag; Predicted MW 82.65 kDa
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	515 amino acids
<b>Description</b>	This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. Multiple alternatively spliced transcript variants have been described but the biological validity of all variants is unknown.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	82.650kDa inclusive of tags
<b>AA Sequence</b>	MVLDLDFRVDKGGDPALIRETQEKRFKDPGLVDQLVKAD SEWRRRCRFRADNLNK LKNLCSKTIGEKMKKKEPVGDDSV PENVLSFDDLADALANLKVSIKKVRLIDEA ILKCDAE RIKLEAERFENLREIGNLLHPSVPISNDEDVDNKVERIWG DCTVRKKYSH VDLVVMVDGFEKEKGAVVAGSRGYFLKGVL VFLEQALIQYALRTLGSRGYIPIYTPF FMRKEVMQEVAQL SQFDEELYKVIGKGSEKSDDNSYDEKYLIATSEQPIAALH RDE WLRPEDLPIKYAGLSTCFRQEVGSHGRDTRGIFRVHQ FEKIEQFVYSSPHDNKSWE MFEEMITAEFFYQSLGIPYH IVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NCTD YQARRLRIRYGQTKKMMMDKVEFVHMLNATMCATTRTICAI LENYQTEKGITV  
 PEKLKEFMPPGLQELIPFVKPAPIEQEP SKKQKKQHEGSKKKAAARDVTLENRLQN  
 MEVTDA

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** [SARS seryl-tRNA synthetase \[ Homo sapiens \]](#)

**Official Symbol** [SARS](#)

**Synonyms** SARS; seryl-tRNA synthetase; seryl-tRNA synthetase, cytoplasmic; serine tRNA ligase 1; cytoplasmic; SERS

**Gene ID** [6301](#)

**mRNA Refseq** [NM\\_006513](#)

**Protein Refseq** [NP\\_006504](#)

**MIM** [607529](#)

**UniProt ID** [P49591](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA