

Recombinant Full Length Human SARS Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human Seryl-tRNA synthetase with an N-terminal proprietary tag; Predicted MW 82.65 kDa
Species	Human
Source	In Vitro Cell Free System
ProteinLength	515 amino acids
Description	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.
Form	Liquid
Molecular Mass	82.650kDa inclusive of tags
AA Sequence	MVLDLDFRVDKGGDPALIRETQEKRFKDPGLVDQLVKAD SEWRRRCRFRADNLNK LKNLCSKTIGEKMKKKEPVGDDSV PENVLSFDDLTADALANLKVSQIKKVRLLIDEA ILKCDAE RIKLEAERFENLREIGNLLHPSVPISNDEDVDNKVERIWG DCTVRKKYSH VDLVVMVDGFEGEKGAVVAGSRGYFLKGVL VFLEQALIQYALRTLGSRGYIPIYTPF FMRKEVMQEVAQL SQFDEELYKVIGKGSEKSDDNSYDEKYLIATSEQPIAALH RDE WLRPEDLPIKYAGLSTCFRQEVGSHGRDTRGIFRVHQ FEKIEQFVYSSPHDNKSWE MFEEMITAEFFYQSLGIPYH IVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCS

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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

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