Recombinant Human SARS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SARS-6552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SARS MS Standard C13 and N15-labeled recombinant protein (NP_006504) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	58.7 kDa
AA Sequence	MVLDLDLFRVDKGGDPALIRETQEKRFKDPGLVDQLVKADSEWRRCRFRADNLNKL KNLCSKTIGEKMKKKEPVGDDESVPENVLSFDDLTADALANLKVSQIKKVRLLIDEAIL KCDAERIKLEAERFENLREIGNLLHPSVPISNDEDVDNKVERIWGDCTVRKKYSHVDL VVMVDGFEGEKGAVVAGSRGYFLKGVLVFLEQALIQYALRTLGSRGYIPIYTPFFMR KEVMQEVAQLSQFDEELYKVIGKGSEKSDDNSYDEKYLIATSEQPIAALHRDEWLRP EDLPIKYAGLSTCFRQEVGSHGRDTRGIFRVHQFEKIEQFVYSSPHDNKSWEMFEE MITTAEEFYQSLGIPYHIVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCSNCTDY QARRLRIRYGQTKKMMDKVEFVHMLNATMCATTCTICAILENYQTEKGITVPEKLKEF MPPGLQELIPFVKPAPIEQEPSKKQKKQHEGSKKKAAARDVTLENRLQNMEVTDAT

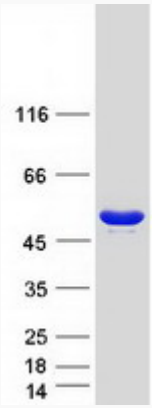
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	RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SARS seryl-tRNA synthetase [Homo sapiens (human)]
Official Symbol	SARS
Synonyms	SARS; seryl-tRNA synthetase; serine--tRNA ligase, cytoplasmic; serine tRNA ligase 1; cytoplasmic; SERS; Seryl-tRNA Ser/Sec synthetase; seryl-tRNA(Ser/Sec) synthetase; serine tRNA ligase 1, cytoplasmic; seryl-tRNA synthetase, cytoplasmic; SERRS; FLJ36399;
Gene ID	6301
mRNA Refseq	NM_006513
Protein Refseq	NP_006504
MIM	607529

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UniProt ID	P49591
SDS-PAGE	

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