

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	MVLDLDFRVDKGGDPALIRETQEKRFKDPGLVDQLVKADSEWRRRCRFRADNLNKL KNLCSKTIGEKMKKKEPVGDDESVPENLVLSFDDLTADALANLKVSIKKVRLIDEAIL KCDARIKLEAERFENLREIGNLLHPSVPISNDEDVDNKVERIWDGCTVRKKYSHVDL VVMVDGFEGEKGAVVAGSRGYFLKGVLVFLEQALIQYALRTLGSRGYIPIYTPFFMR KEVMQEVAQLSQFDEELYKVIKKGSEKSDDNSYDEKYLIATSEQPIAALHRDEWLRP EDLPIKYAGLSTCFRQEVGSHGRDTRGIFRVHQFEKIEQFVYSSPHDNKSWEMFEE MITTAEFYQSLGIPYHIVNIVSGSLNHAASKKLDLEAWFPGSGAFRELVSCSNCTDY QARRLRIRYGQTKKMMMDKVEFVHMLNATMCATTCTICAIENYQTEKGITVPEKLKEF MPPGLQELIPFVKPAPIEQEPSKKQKKQHEGSKKAAARDVTLENRLQNMEVTDAT

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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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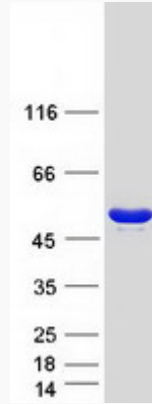
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UniProt ID


P49591

SDS-PAGE



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