

Recombinant Human SARS2, GST-tagged

Cat. No. SARS2-2513H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SARS2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	169-518aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SARS2 seryl-tRNA synthetase 2, mitochondrial [Homo sapiens]
Official Symbol	SARS2
Synonyms	SARS2; seryl-tRNA synthetase 2, mitochondrial; SARSM, serine tRNA ligase, mitochondrial , seryl tRNA synthetase 2; serine--tRNA ligase, mitochondrial; FLJ20450; mtSerRS; SARS; serine tRNA ligase 2; mitochondrial; SerRSmt; SERS; SYS; seryl-tRNA(Ser/Sec) synthetase; serine-tRNA ligase, mitochondrial;

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	mitochondrial seryl-tRNA synthetase; serine tRNA ligase 2, mitochondrial; seryl-tRNA synthetase, mitochondrial; SARSM; SerRS;
Gene ID	54938
mRNA Refseq	NM_001145901
Protein Refseq	NP_001139373
MIM	612804
UniProt ID	Q9NP81
Chromosome Location	19q13.2
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, conserved biosystem; Gene Expression, organism-specific biosystem; Mitochondrial tRNA aminoacylation, organism-specific biosystem; Selenium Metabolism and Selenoproteins, organism-specific biosystem;
Function	ATP binding; ligase activity; nucleotide binding; serine-tRNA ligase activity; serine-tRNA ligase activity;