Recombinant Mouse Sars2 Protein, Myc/DDK-tagged

Cat. No. Sars2-5692M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length seryl-aminoacyl-tRNA synthetase 2 (Sars2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the attachment of serine to tRNA(Ser). Is also probably able to aminoacylate tRNA(Sec) with serine, to form the misacylated tRNA L-seryl-tRNA(Sec), which will be further converted into selenocysteinyl-tRNA(Sec).
Molecular Mass	58.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Sars2 seryl-aminoacyl-tRNA synthetase 2 [Mus musculus (house mouse)]
Official Symbol	Sars2
Synonyms	SARS2; seryl-aminoacyl-tRNA synthetase 2; serine--tRNA ligase, mitochondrial; seryl-tRNA(Ser/Sec) synthetase; seryl-tRNA synthetase, mitochondrial; SerRS; SerRSmt; D7Ertd353e; 2410015F05Rik
Gene ID	71984
mRNA Refseq	NM_023637
Protein Refseq	NP_076126
UniProt ID	Q9JJL8

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