

## Product datasheet for **TP508297**

### Sars2 (NM\_023637) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse seryl-aminoacyl-tRNA synthetase 2 (Sars2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208297 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAASMARLWWPFLARQGLRSRGRVCVCSQNPRRSFATEKRVRNLLYEHAREGYSELPLYDMESVCACPEKA  
ARSLELRKGGELRPADLPAAISTWQELRQLREQIRSLAEKEAVAEAVRALLANQDSDQVQKDPQYQGLRA  
RGREIRKQLTPLYPQETQLEEQLYQQALRLPNQTHPDTVPVGDSEARVVRVVGEEKPAFSFQPRGHLEIGE  
KLDIIRQKRLSHVSGHRSYLRGAGALLQHGLVNFVTLKLVSRGFTPMTPVDLLRGAVFEGCGMTPNANP  
SQIYNIDPSRFEDLNLGTAEVGLAGYFMDHSVAFRDLPVRMVCASCTCYRAETDTGKEPWGLYRVHHFTK  
VEMFGVTGPGLEQSSQLLDEFSLQVEILTELGLHFRVLDMPQTQELGLPAYRKFDIEAWMPGRGRYGEVT  
SASNCTDFQSRRLYIMFETETGELQFAHTVNATACAVPRVLIALLESNQQKDGSVLVAALQPYLGTDR  
TAPTHVPLQYIGPNQPQKPRLPQGSATR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	58.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_076126</a>



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Locus ID:	71984
UniProt ID:	<a href="#">Q9JLL8</a>
RefSeq Size:	1910
Cytogenetics:	7 16.91 cM
RefSeq ORF:	1557
Synonyms:	2410015F05Rik; D7Ertd353e; SerRS; SerRSmt
Summary:	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).[UniProtKB/Swiss-Prot Function]