

Product datasheet for **RN213075**

Sars (NM_001007606) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sars (NM_001007606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sars
Synonyms:	Sars1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213075 representing NM_001007606
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGTCTGGACCTGGACTTGTTCGGGTGGATAAAGGAGGGACCCAGCCCTCATTTCGAGAGACGCAGG
 AGAAGCGCTTCAAAGATCCGGGGCTGGTGGACCAGCTGGTGAAGGCAGACAGCGAGTGGCGACGATGCAG
 ATTTCCGGCAGACAACCTGAACAAGCTGAAGAATTTATGCAGCAAACTATTGGGGAGAAAAAAGAAAA
 AAAGAGCCAGTGGGAGAGGACGAGTCCATCCCAGAGGATGTGCTGAATTTGACGACCTCACTGCAGACA
 CGTTAGCTGCCCTGAAAGTCTCACAAATTAAGAAAGTCCGACTCCTCGTTGATGAAGCCATCCAGAAGTG
 TGATGGGAGCGGGTAAAGCTGGAAGCAGAGCGATTTGAGAACCTCCGAGAGATTGGGAACCTTCTACAC
 CCCTCTGTGCCATTAGTAACGATGAGGATGCAGACAACAAGTAGAGCGTATTTGGGGTATTGTACAG
 TCAGAAAGAAGTATCCCATGTGGACCTGGTGGTATGGTGGATGGCTTTGAAGGCGAAAAGGGAGCCGT
 GGTGGCTGGTAGTCGGGGTACTTCTGAAGGGGTCCTGGTGTCTCGGAGCAGGCACTTATCCAGTAT
 GCACTGCCACCTTGGGAAGCCGAGGCTACACTCCAATCTACACCCCTTCTTCATGAGGAAAGAGGTCA
 TGCAGGAAGTGGCCAGCTCAGCCAGTTTATGAAGAAGTCTATAAGGTATTGGCAAGGGCAGCGAAAA
 GAGCGATGACAGCTCCTATGACGAGAAGTACTTATTGACACCTCAGAACAGCCCATCGCAGCTCTGCAC
 CGGGACGAGTGGCTGCGGCCAGAGGATCTGCCATCAAGTACGCCGGCTTCTCCACCTGCTTTCGGCAGG
 AAGTGGTTTCGCATGGCCGTGATACCCGTGGTATCTTTCGAGTCCATCAGTTTGAGAAGATTGAACAGTT
 CGTGTACTCATCACCTCATGACAACAAGTCATGGGAGATGTTTATGATGAGATGATCACCACCGAGAAGAA
 TTCTATCAGTCTTTGGGAATCCCTTACCACATTTGAATATTGTCTCAGGCTCTTTGAATCATGTGCCA
 GCAAGAAGCTTGACCTGGAGCCCTGGTTCCCGGGCTCCGGTGCCTTCCGTGAGTTGGTTTCTGTCTAA
 CTGCACGGATTACCAGGCTCGTCGGCTCCGAATCCGATACGGGCAGACCAAGAAGATGATGGACAAGGTG
 GAGTTTGTCCATATGCTTAATGCCACAATGTGTGCCACCACCCGACCATCTGCGCCATCTGGAGAAGT
 ACCAGACAGAGAAGGCCATCGTCGTGCCAGAGAAGTTGAGGGAGTTTCATGCCCCAGGACTCCAAGAAGT
 GATCCCATTTGTGAAGCCAGCACCTATTGACCAGGAGCCATCTAAGAAGCAGAAGAAGCAACATGAAGGC
 AGCAAAAAGAAAGCAAAAGAGGTACCCTGGAGAACCAGCTGCAGAACATGGAGTCACTGAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007606

Insert Size: 1539 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001007606.1](#), [NP_001007607.1](#)

RefSeq Size: 1920 bp

RefSeq ORF: 1539 bp

Locus ID: 266975

UniProt ID: [Q6P799](#)

Cytogenetics: 2q34

Gene Summary: mouse homolog is an RNA binding protein involved in catalyzing the transfer of L-serine to tRNA (Ser) [RGD, Feb 2006]