

Product datasheet for **RN201039**

C1s (NM_138900) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1s (NM_138900) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C1s
Synonyms:	r-gsp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN201039 representing NM_138900
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCAATCGCCAGAGATGTGGTGTCTTCTCTTTCTCTTTGGCATCGTTTTCTGCTGAGCCTA
 CCATGTATGGGGAGATCCTGTCCCTAATTATCCCAGGCGTACCCCAATGAGGTCGTGAAAACCTGGGA
 CATAGAAGTCCCAGAGGGTTTGGGATTCACTTTACTTCACCCATCTGGACATGGAGCTGTCAGAGAAC
 TGTGCATACGACTCAGTGCAGATAATCTCAGGAGGTATCGAGGAAGAGAGACTCTGTGGCCAGAGTCCA
 GCAAGAGTCCCACTCCCCACTGTAGAAGAGTTCAATCCCATAACAATAGGCTCCAGGTGGTCTTTAC
 GTCAGACTTCTCAACGAGGAACGGTTTACTGGCTTTCAGCGTATTACTCAGCCGTAGATGTAATGAA
 TGCACAGACTTTACAGATGTCCCTTGCAGCCACTTCTGCAATAACTTCATTGGTGGATCTTCTGCTCT
 GCCCCCCAGAATACTTCTCCACGATGACATGAGGACTTGTGGGGTCACTGTAGTGGGGATGTATTCAC
 TGCCTTGATTGGGGAGATCGCAAGTCCCAATTATCCCAACCCATACCCGGAGAACTCAAGGTGTGAATAC
 CAGATTCGGCTGCAGGAGGGCTTCGACTGGTGTGACTATCCGGAGAGAAGATTTTGATGTGGAACCAG
 CGGACTCAGAGGGGAACGCCACGACAGTTTACTTTTGTGCAAAAAACCAACAGTTTGGTCTTACTG
 TGGCAATGGATTCCCTGGACCTCTAACTATTAACCAGAGCAATACTCTTGATATTGCTTTCAAAC
 GACCTAACGGGGCAAAATAAGGCTGGAAGCTTCGTTACCATGGAGATCCCATCCCTGTCCCAAAGAAA
 TCAGTGTAACTTCTATCTGGGAGCCGAAAAGGCAAAATACGTGTTCAAAGATGTCGTGAAGATAACCTG
 TGTGGATGGATTGAAGTTGTGGAGGAAAATGTGGCTCAACATCATTCTATTCCACTTGTCAAAGCAAC
 GGACAGTGGAGCAATCCAGGCTAGAGTGTCAACTGTGGACTGTGGTGTCCAGAACCATTGAGAATG
 GTAAAGTTGAAGACCCAGAAGACTGTATTCGGCTCCGTCATCCACTACACGTGCGAAGAGCCATATTA
 CTACATGGAACAGGAAGAAGGCGGAGAGTACTGCTGCTAATGGGAGCTGGTGAATGACCAGCTG
 GGTGTCGAGCTTCCAAAATGTATTCCAGCTGTGGAGTACCCACCGAGCCCTTAAAGTACAGCAGAGGA
 TATTTGGAGGATACTCTACAAAGATTCAAAGTTTTCTTGGCAGGTCTACTTTGAGTCCCCCGAGGTGG
 CGGGGCTCTTATCGATGAGTACTGGGTGCTGACGGCCGCTCACGTTGTGGAGGAAAACCTGACCCAGTG
 ATGTATGTCGGTCCACACTTCTGAAAATAGAGCGGTTGAGAAAATGCCAGAGGCTCATCACTGAACGTG
 TGATTATTCATCCAGCTGGAACAAGAGGACGACCTGAATACACGGACAAATTTGACAATGACATTGC
 CCTGGTGCAGCTCAAAGACCCTGTGAAAATGGGACCCACTGTTGCCCCATCTGCCTGCCAGAAACCTTC
 TCAGACTACAACCCTCAGAGGTTGACCTGGGGTGTATCTCTGGGTGGGCGCAACAGAGATTAGAACCA
 ATGTTATTCAACTCAGAGGGCGAAGTTACCCATAACATCTTTAGAAAAGTGCCAGCAGGTGAAAGTGGA
 AAACCCGAAAGCGAGGTCAAACGACTATGTTTTACTGACAACATGATCTGTGCTGGGAAAAGGGTGTG
 GACAGCTGTGAAGGTGACAGCGGAGGGGCTTTTGTCTGCGGTCGCCAATGTCAAGGACCCCAATTTCT
 ATGTGGCTGGCCTGGTGTCTGGGGAAAAGTGTGGGACCTATGGGATCTACACAAAGGTAAGAAGACTA
 CGTGGACTGGATCCTGAAAACATGACAGGAGAATAGTGGGCCAAGAAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_138900
Insert Size: 2085 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_138900.1](#), [NP_620255.1](#)

RefSeq Size: 2908 bp

RefSeq ORF: 2085 bp

Locus ID: 192262

UniProt ID: [Q6P6T1](#)

Cytogenetics: 4q42

Gene Summary: a secreted enzyme; may have a role in glial cell differentiation [RGD, Feb 2006]