

Product datasheet for **RN209805**

Csf1r (NM_001029901) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Csf1r (NM_001029901) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Csf1r |
| Synonyms: | c-fms; CSF-1-R; CSF-1R; M-CSF-R; mrfms |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN209805 representing NM_001029901 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCTGGGGCTCCTCTGGTCTGCTGCTGGCCACAGCTTGGCATGGAGTGCAGATTTTATCTGGGG
AGAAGAGTAGGACCACCATCCACATCTACCTTCTGGCAGGCAGGAGGGCGGTGACCACTGAGATTGTTCT
CATGGGTGAGGAGCACTGATGTCAGAGGGTCAATGACTGTCAAGGGGCCCTGTCATCGAGCCTAGT
GGCCAGAGCTGGTTGTAGAGCCAGGTGCAACAGTGACCTGCGATGTGTGAGCAATGGCAGTGTGGAAT
GGGATGGCCCATCTCTCCCTACTGGACCTGGACTCTGAATCTCCTGGAAGCATCCTGATCACAAAAA
CGCCACCTTAAAAACACTGGGACCTACCGTTGTACTGAGCTTGAAGACCTATGCGGGGAGTACCGCC
ATCCACTTGTACGTCAAAGATCTGTCCGGCCCTGGAATTTGCTAGCACAGGAGGTGACAGTGTGTTGAGG
GCCAGGAAGCTGTGCTGCCCTGTCTGATCACTGACCCCACTGAAGGACAGTGTCTCACTGGTGGGGA
GTGGGCGAGACCAGTCTACGCAAAACGGTCTACTCCTTCTTACCATGGCGAGGGTTCATTATCCACAAG
GCTAAATTCCTTGACAGTCATACCTACATGTGCAAGGCTGTTGTGAACGCTAGGGAATCCACCTCCATTG
GCATCCGGCTTAAGGTGAATCGAGCCACCCAGGGCCCCACACATCATATTGGAACCTACTAAGCTTATC
GAGGATTCGAGGGGAGGCTGCCAGATCGTGTGCTCGGCCACTCACTAGAAGTTGAATTAACGTTATC
CTCAAACGTGGAGACACCAAGTTGGAATCCCCATAAACAGTGACTTCCAAGACAACGCTTATAAAAAGG
TCCTGACTCTTAACCTCAATGCTGTGGACTTCCAAGATGCTGGCATATATTCCTGTGTGGCCAACAACGC
AGCTGGCTCGAACACGGCCACCTGAACCTCCAGGTGGTGGAGAGTGCCTACTTAAACTTGACCTCTGAG
CAGAGCCTCTTGACAGGAGGTGTCTGTGGGTGAGAACCTCGACCTCACAGTCATTGCAGATGCCTACCCTG
GCCTACAGCGTTAACTGGACCTACCTAGGGCCGTTCTTTGAAGACCCACACAATCTTGAGTTTAGAAC
CCAATGGACCACATACAGCTACTCATTCAAACCTCACCTGAACCGTGTAAAGCCCTTGAGGCCGCGCCG
TACTCCTTAATGGCACAACAAGGCAGGCTGGAATAATCTGACCTTTGAGCTCACCTGCGATACCCCC
CAGAAGTCAGTGTACATGGATACCTGTGAACGGCTCTGATGTCCTGCTCTGTGATGTCTCTGGGTATCC
TCAGCCCAACGTGACATGGATGGAGTGCAGGGGCCACACCGATAGGTGTGATGAGGCCAGGCTCGCAG
GTTTGGGATGACACACAACCTGAAGTCCTGAGTCAGAAGCCCTCCACAGAGTGATCCTTCAGAGCCAGC



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TGCCATTGGGACCCTAAAGCACAAATGACTTATGTTTGCAGAGCCACAACAATGTGGGTAACAGCTC
 CCAGTTCTTCAGGGCCATCTCCCTAGGACAAAGCAAGCAGCTCCCTGATGAGTACCTGTTCACTCCAGTG
 GTGGTGGCCTGTATATCTGTCACTGTCTCTGCTGGTACTACTGCTGCTGCTCTTGTACAAGTACAAGC
 AGAAGCCGAAATATCAGGTGCGCTGGAAGATCATTGAGAGCTACGAGGGCAACAACCTTACATCGA
 CCCTACCCAGTTGCCCTACAATGAGAAGTGGGAGTTTCCCGGAACAACCTGCAATTTGGTAAGACTCTC
 GGAGCTGGTGCCTTTGGGAAGGTGGTGGAGGCCACAGCCTTTGGTCTGGGCAAAGAAGATGCAGTGTGA
 AGTGGCTGTGAAGATGCTCAAGTCCACGGCTCATGCCGATGAGAAGGAGGCCCTAATGTCAGAAGTGA
 GATCATGAGTCACCTGGGACAGCATGAGAACATTGTCAACCTCTGGGAGCCTGTACTCATGGAGGCCCT
 GTCCTGGTCATCACCGAATACTGCTGCTACGGAGACCTTCTCAACTTCCTTCGAAGGAAGGCCGAGGCTA
 TGCTGGGACCCAGCCTGAGTCTGGTACAGGACCCGAGGGGGACTCCAGCTACAAGAATCCACCTGGA
 GAAGAAATATGTGCGCAGGGACAGTGGCTTCTCCAGTACGGGCGTAGATACCTATGTGGAGATGAGGCC
 GTTTCGACTTCTCAAATGACTCCTTCTTAAAGCAAGATCTGGACAAAGAGGCCAGCCGGCCGCTGGAGC
 TCTGGGACCTGCTTCACTTCTAGCCAAGTGGCTCAGGGCATGGCTTTCCTTGTCTAAAAATTCAT
 CCATCGTGTAGTGTGCTGCAATGTGCTGTTGACCAGCGGACATGTGGCAAGATTGGGGACTTTGGG
 CTGGCTAGGGACATCATGAATGACTCTAACTATGTTGTCAAGGGCAATGCCCGCCTGCCTGTAAGTGA
 TGGCCCCAGAGAGCATCTTCGACTGCGTCTACACAGTTCAGAGTGTGTGGTCTACGGCATCTCCT
 CTGGGAGATTTTCTCACTTGGTCTGAACCCCTACCCAGGCATCTTAGTGAACAACAAGTTCTACAACCTG
 GTGAAGGATGGATACAAATGGCCAGCCTGTATTTGCACCGGAGAACATATACAGCATCATGCAGTCTC
 GCTGGGACCTGGAGCCTACAAAAGACCTACCTCCAGCAGATCTGCTTCTCCTCCAGGAACAGGCCCG
 ACTGGAGAGGAGAGCAGGACTATGCTAACCTGCCAAGCAGCAGCAGCAGCAGTGCAGCAGCAGTGC
 AGTGGTGGTGGCAGTGGTGGTAGCAGCAGTGCAGCCTGAAGAGGAGAGCTCCAGTGCAGCCTGGCCTGCT
 GTGAGCCAGGGGACATCGCCAGCCCTGCTGCAGCCTAACTACCAGTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001029901
- Insert Size:** 3069 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_001029901.1, NP_001025072.1
- RefSeq Size:** 3698 bp
- RefSeq ORF:** 3069 bp

Locus ID: 307403
Cytogenetics: 18q12.1
Gene Summary: may mediate normal and neoplastic growth of muscular cells [RGD, Feb 2006]