

Product datasheet for **RN212926**

Csf1 (NM_023981) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf1 (NM_023981) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Csf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212926 representing NM_023981
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCGCGGGGGCGCCGGGGCGCTGCCCTTCTTCGACATGGATGGGCTCCCGCTGCTGCTGGTCT
 GTCTCCTCGTGAGCAGGAGTGTGCGGAGGTGTCGGAGCACTGTAGCCACATGATTGGGAATGGACACCT
 ACAGATTTTGCAGCAGTTGATCGACAGCCAAATGGAGACTGCATGCCTGATCGAATATAAATTTGTAGAC
 CAGGAACAGCTGGACGATCCCGTTTGTACCTAAAGAAGGCCCTTTGTTTTGGTACAAGTCATAATCGAGG
 AAACCATGCGCTTTAAAGACAACACCCCAACGCCACCGAGAGGCTACAGGAACTCTCTATGAA
 ACTGAACAGCTGCTTTATCAAGGACTATAAGGAACAGAACGAGGCCTGTGTCCAAACTTACAAAGAGAGT
 CCTCTCCGGTTGCTGGAGAAAATCAAGAATTTCTTTAACGAAACAAGAATTTCTTGAAAAGGACTGGA
 ATATTTTGTAGCAAGAAGTCAATGACAGCCTTGCTAAATGCTCTAGCAGAGATGTGGTGACCAAGCCTGA
 TTGCAACTGCCTGTACCCTAAAGCCACCCCTAGCAGCGACCTGGCCTCTGCCTCCCTCACCAGCCCTCT
 GCCCCTCCATGGCCCTCTGGCTGACTTGGCTTGGGATGATTCTCAGAGGACAGAGGGAAGCTCCCTCT
 TGCCCACTGATCTGCCTTTCGCATAGAGGACCCAGGCAGTGCTAAGCAGCGACCCAGGAGTACCTG
 CCAGACCTCGAGTCAACAGAGCAACCAATCACGAGGACCCACAACCTCATCTTCTGCGGGGGCCCC
 ATCCCTGGGGTGAAGACATTATTGAATCTTCAATGGGCACTAAGTGGTCTTAGAAGAAGCTTCTGGAG
 AGGCTAGTGAGGGATTTTGGACCCAGGAAAGGAAGTTTTCCCTCCAACTCTGTAGGGGCGAGCATCCA
 GGCAGAGACTGACAGACCTGGGCCCGCTCAGCATCTTCTCCATTCCTAAATTAACAGAGGATCAACAG
 CCAACGAATATAACAGACACCCCGTTGACAGAGGTGAACCCTATGAGACCCACTGGCCAGACACTGAATA
 ATACTCCTGAGAAGACGGATGGTTCATCTACACTGCGCGAAGACCAGCAGGAGCCACGCTCTCCCATTT
 TGCCACACTGAATCCCCAACGAGTCGGCAACTCAGCCACCCCTATGCTAAGTTACTGCCTCCCAAAGC
 CACTCTTGGGGCATTGTACTGCCCTTGGGGAGCTCGAGGGCAAGAAAAGTACTAGAGATCGAAGGAGCC
 CCGCAGAGCTGAAAGGAGGACCAGCAAGTGAAGGGGCGAGCCAGGCCTGTGGCCAAAGTACTAGAGATCG
 AAGGAGCCCCGACAGACTGAAAGGAGGACCAGCAAGTGAAGGGGCGAGCCAGGCCTGTGGCCCGTTTAA
 TCCATTCTTTGACCGACACAGGCTCTTCTATTAGGATCCCCAGACCTCTGCGTTTGTCTTCTGGGTGC
 TAGGCATCATCTAGTCTTGTGGCTGTGGGGCCTCCTGTTCTACAGTTGGAAGCGGAGGAGCCATCG
 AGACCCTCGACATTGGATTCTTCTGTGGGGCAGCCAGAGGCAGCTCCCTGGCCAGGATGAGGACAGA
 CAGGTGGAAGTCCAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023981
- Insert Size:** 1701 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_023981.4](#), [NP_076471.3](#)

RefSeq Size: 3975 bp

RefSeq ORF: 1701 bp

Locus ID: 78965

Cytogenetics: 2q34

Gene Summary: plays a role in macrophage formation; involved in osteoclastogenesis and endochondral ossification [RGD, Feb 2006]