

## Product datasheet for **MC228796**

### **Csf3r (NM\_001252651) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Csf3r (NM_001252651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csf3r
Synonyms:	Cd114; Csfgr; G-CSF-R; G-CSFR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228796 representing NM\_001252651  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTAGGGCTGGGAGCCTGCACCTGACTGGAGTTACCTGATCTTCTTGTACTCCCCAGAAGTCTGG  
 AGAGCTGTGGACACATCGAGATTTACCCCTGTTGTCCGCTGGGGACCCTGTCTGGCTCTTGCAC  
 CATCAGCCCAAATGCAGCAAATGGACCAACAGGCAAAGATCTTATGGAGACTGCAAGATGAGCCCATC  
 CAACCTGGGGACAGACAGCATCATCTGCCTGATGGGACCAAGAGTCCCTCATCACTCTGCCTCACTTGA  
 ACTACACCCAGGCCTTCTTCTTCTGCTTAGTGCCATGGGAAGACAGCGTCCAACCTCTGGATCAAGCTGA  
 GCTTCACGCAGGCTATCCCCCTGCCAGCCCTCAAACCTATCCTGCCTCATGCACCTCACCACCAACAGC  
 CTGGTCTGCCAGTGGGAGCCAGGCTCTGAGACCCACCTGCCACCAGTTCATCCTAAAGAGCTTCAGGA  
 GCCGCGCCGACTGTCAGTACCAAGGGGACACCATCCCGGATTGTGTGGCAAAGAAGAGGCAGAACAACCTG  
 CTCATCCCCGAAAAAATTGCTCCTGTACCAGTATATGGCCATCTGGGTGCAAGCAGAGAATATGCTA  
 GGTCCAGCGAGTCCCCAAAGCTGTGCCTCGACCCCATGGATGTTGCCCCACCATCAGACTGGACACGT  
 GGTGTCAGAAGAAGCAACTAGATCCAGGGACAGTGAGTGTGCAGCTGTTCTGGAAGCCAACGCCCTGCA  
 GGAAGACAGTGGACAGATCCAGGGCTACCTGCTGTCTGGAGTTCGCCAGATCATCAAGGGCAGGACATA  
 CACCTTTGCAACACCACGCAGCTCAGCTGTATCTTCTCCTGCCCTCAGAGGCCCAGAAGCTGACCCCTG  
 TGGCCTACAACAAAGCAGGGACCTTTCACCTACTACAGTGGTTTTCTGGAGAACAAGGTCCAGCTGT  
 GACCGGACTCCATGCCATGGCCCAAGACCTTAACACCATCTGGGTAGACTGGGAAGCCCCAGCCTTCTG  
 CCTCAGGGCTATCTCATTGAGTGGGAAATGAGTTCTCCAGCTACAATAACAGCTATAAGTCTGGATGA  
 TAGAACCTAACGGGAACATCACTGGAATCTGTTAAAGGACAACATAAAATCCCTTTCAGCTACAGAAT  
 TACAGTGGCTCCCCTGTACCCAGGCATCGTGGACCTCCTGTAATGTCTACACCTTCGCTGGAGAGAGA  
 GCTCCTCCTCATGCTCCAGCGCTGCATCTAAAGCATGTTGGCACAACTGGGCACAGCTGGAGTGGGTAC  
 CTGAGGCCCTTAGGCTGGGGATGATACCCTCACCCACTACACCATCTTCTGGGCCGATGCTGGGGACCA  
 CTCCTTCTCCGTCACCCTGAACATCTCCCTCCATGACTTGTCTGAAGCACCTGGAGCCCGCCAGTTTG  
 TATCATGTCTACCTCATGGCCACCAGTCCGGCAGGGTCCACCAACAGTACAGGCCTTACCCTGAGGACCC  
 TAGATCCATCTGACTTAAACATTTTCTGGGCATACTTTGCTTAGTACTTTGTCCACTACCTGTGTAGT  
 GACCTGGCTCTGCTGCAAACGCAGAGGAAAGACTTCTTCTGGTCAGATGTCCAGACCCAGCCACAGT  
 AGCCTGAGCTCCTGGTTGCCACCATCATGACAGAGGAAACCTTCCAGTTACCCAGCTTCTGGGACTCCA  
 GCGTGCCATCAATCACCAGATCACTGAACTGGAGGAAGACAAGAAACCGACCCACTGGGATTCGAAAG  
 CTCTGGGAATGGTAGCCTTCCAGCCCTGGTTCAGGCCTATGTGCTCCAAGGAGATCCAAGAGAAATTTCC  
 AACAGTCCCAGCCTCCCTCTCGCACTGGTGACCAGGTCTCTATGGTCAGGTGCTTGAGAGCCCCACCA  
 GCCCAGGAGTAATGCAGTACATTCGCTCTGACTCCACTCAGCCCTCTTGGGGGGCCCCACCCCTAGCCC  
 TAAATCTTATGAAAACATCTGGTCCATTCAAGACCCAGGAGACCTTTGTGCCCAACCTCAAACCAG  
 GAAGATGACTGTGCTTTGGGCCTCCATTTGATTTCCCTCTTTCAGGGGCTCCAGGTCCATGGAGTTG  
 AAGAACAAGGGGGTTTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001252651

**Insert Size:** 2190 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001252651.1, NP_001239580.1</u>
<b>RefSeq Size:</b>	3583 bp
<b>RefSeq ORF:</b>	2190 bp
<b>Locus ID:</b>	12986
<b>Cytogenetics:</b>	4 59.77 cM
<b>Gene Summary:</b>	<p>Receptor for granulocyte colony-stimulating factor (CSF3). In addition it may function in some adhesion or recognition events at the cell surface.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks two exons in the coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform 2, which is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>