

Product datasheet for **MC203885**

Cxcl16 (NM_023158) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcl16 (NM_023158) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cxcl16
Synonyms: 0910001K24Rik; AV290116; b2b498Clo; BB024863; CXCL16v1; CXCL16v2; SR-PSOX; Zmynd15
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019961
AAGAGGGCTGAAATCCCCGAACCAACCGAGTCATTCTTCGGGAACACAGCTTGCTCACTCGGATTCTCTGGTTCTACAGCCAAATTTCTTTTCGGTTTTGTTCGGATAGTCTTGCGTGACCCTACGGCTGGCCGGCCGGAGACTGGAGCTCCGCCTTCGGGGCAGGGGTGTGTGTGTCCCCGACTGGGAGCTGGGCGCAAAGCGGGCTCCCCGTACCGACAGACGGTCGGTTCGGACAGCGCGCCGGGGACAGAAGGCGCCACCCTCGCGCCCCCTCCCCTCCTGAGCTTGGCACGGATCAGCGCCTTCGAAAAACATCAGTCAGGGTGAAGAAGAGA AAGCTTTAGAGAATTGGCTGGATGTTCGGCTAGGTGACCTCGTCCCAACAAGCTCCGCAGAGGCGGGAGATGAGGCGGGGCTTTGGACCCTTGCTCTTTCGGTTCTTCTTTTCTTGTGGCGCTGCTGACCCTGCCAGGC GATGGCAACCAGGGCAGTGTTCGGTGAAGTTGTTCTTGTGATCGTACCATTTCTTCTGGCACCCAGATAC CGCAGGGTACTTTGGATCACATCCGAAAAATACCTGAAAGCATTTTCATCGTGTCCATTCTTTATCAGGTT CCAGTTGCAGTCAAAGAGCGTGTGTGGGGGAAGCCAAGACCAGTGGTCCGTGAAGTACTAGTGGACTGCTTT GAGCGCAAAGAGTGTGGAAGTGGTTCATGGGAAGAGTTTTACCACCAAAAACATTTGCCTCAAGCCAGTACCCAGACCCCTGAGGCCGAGAGGGGACACCTCCGGACACGAGCACCCCTGCACATAGTCAGAGCACTCA GCACTCCACTCTTCCATCGGGAGCACTGTCTTAAACAAAGAGCACACCAACCCCTGGGAGATGACCACT CTCCCTTCAGGCTATGGTCTGGAAGCTAGGCCTGAGGCTGAGGCAAAATGAGAAACAGCAAGATGACAGAC AGCAAGAAGCACCAGGAGCTGGAGCTAGCACACCAGCTTGGGTACCGGTGCTGTCCCTCTGGCCATTGTCTTCTTCTCACTGCAGCCATGGCCTATGTGCTGTGCAACAGGAGAGCGACACAGCAGAAGTCTGCAGGT TTGCAGCTCTGGTACACTCCTGTTGAACCAAGACCCTAGCGCCTACAGCAAGAGTGAAGTCAATGAGGATGATGGATGACATGGGAGAGGTGGTAGGGCAGCAGGCTCGTCCATCAGTGAATGGAACCTGAGCTCA CTGTTTCTCATGCTGTCTTGAGACAAAGTATCCATATGGAACCTAGGTCAGCTTTGACCTGCTGACCCCTTGCCCTACCTCCTAGATTCTGCGATTAAGACATATGCTACCACAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023158
Insert Size: 741 bp



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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:	<ol style="list-style-type: none">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:	BC019961 , AAH19961
RefSeq Size:	1390 bp
RefSeq ORF:	741 bp
Locus ID:	66102
UniProt ID:	Q8BSU2
Cytogenetics:	11 B3
Gene Summary:	Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. Also acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the protein-coding transcript.