

Product datasheet for **MC200619**

Cx3cl1 (NM_009142) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cx3cl1 (NM_009142) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cx3cl1
Synonyms:	AB030188; ABCD-3; AI848747; CX3C; Cxc3; D8Bwg0439e; Scyd1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC006650 sequence for NM_009142
 GCCCAGCCTCCTGGCCCGCCAATTCTGCACTCCAGCCATGGCTCCCTCGCCGCTCGCGTGGCTGCTGC
 GCCTGGCCGCGTTCTTCCATTTGTGACTCTGCTGCCGGTTCAGCACCTCGGCATGACGAAATGCGAAAT
 CATGTGCGACAAGATGACCTCACGAATCCCAGTGGCTTTGCTCATCCGCTATCAGCTAAACCAGGAGTCC
 TGCGGCAAGCGTGCCATTGTCTGGAGACGACACAGCACAGACGCTTCTGTGTGACCCGAAGGAGAAAT
 GGGTCCAAGACGCCATGAAGCATCTGGATCACCAGGCTGCTGCCCTCACTAAAAATGGTGGCAAGTTTGA
 GAAGCGGTGGACAATGTGACACCTGGGATCACCTTGGCCACTAGGGGACTGTCCCATCTGCCCTGACA
 AAGCCTGAATCCGCCACATTGGAAGACCTTGCTTTGGAAGTACTACTATTTCCAGAGGCCAGGGGA
 CCATGGGGACTTCCCAAGAGCCACCGGCAGCAGTGACCGGATCATCTCTCAACTTCCGAGGCACAGGA
 TGCAGGGCTTACGGCTAAGCCTCAGAGCATTGGAAGTTTTGAGGCGGCTGACATCTCCACCACCGTTTGG
 CCGAGTCTGCTGTACCAATCTGGATCTAGCTCCTGGGCTGAGGAAAAAGCTACTGAGTCCCCCTCCA
 CTACAGCCCCATCTCCTCAGGTGCCACTACTTCACTTCAACCCAGAGGAAAAATGTTGGGTCCGAAGG
 CCAACCCCATGGGTCCAGGGACAGGACCTCAGTCCAGAGAAGTCTCTAGGGTCTGAGGAGATAACCCA
 GTTCATACTGATAATTTCCAGGAGAGGGGGCTGGCAACACAGTCCACCCTCAGTGGCTCCCATCTCT
 CTGAAGAGACCCCGACCCAGAGCTGGTGGCCTCGGGCAGCCAGGCTCCTAAGATAGAGGAACCCATCCA
 TGCCACTGCAGATCCCCAGAAACTGAGTGTGCTTATCACTCTGTCCCCGACACCAGGCAGCCACAAGG
 AGGCAGGCAGTGGGGCTACTGGCTTTCCTTGGTCTTCTTTCTGCCTAGGGGTGGCCATGTTTGCTTACC
 AGAGCCTTCAGGGCTGTCCCCGCAAAATGGCGGGGAAATGGTAGAAGGCCTCCGCTACGTCCCCCGTAG
 CTGTGGCAGTAACTCATACGTCTGGTGCAGTGTGAGCTGCTTGCTGCCTGCCTGTGTCCAGAGTGTG
 ATTCGGACAGTGTCTGGGGACCCCCCATCTCATACCCACCTTTCATCCACGCTGGGAAATGGGAA
 TGGAGAAGCTGGACCTCCAGGGGCTGTGGGCTCCATCCAATCCCCCTCCCCGAGGGGTGGCCCCGGA
 GGCCACCCTAGACCACTTCACTTATCAGAGACAGAGCAGGTGACCTTCCAGCTCCTCTATATTTGAAA
 GAATCCTCTGCTGGTGGTTAGAGGGGCCCTTGACACCCCACTCCAGTGAACAATATTTATTGGA
 TTTCCAGCCCCTGCGACGACACCTGTTTTCCCGCGCACCGTGGTCCGCCATATCAACAAGCAGCAGGCC
 AGGCCTATCTGCCTGTCCCCCTGACCTCCTTGTGTCTCCTGGCTTTGCTGCAGTCCCCAGCCCTTCTCT
 CCCCCGCCAGCTGCGGTGCTATCTGCCCTATGTCTCCCTATCCCTGTACAGAGCGCACACCACATCAC
 CATCAACACCGCTGTTGTGTCTTTTCTTGCATGAGGTTAAAGCTGTGTTTTCTGGAGCTCTCCGGGAAGG
 GAGACAAGCTTGGCAGAGGGTTTAAAGTGTCTCCCCAGACTTGGATGTGCTGTGAAGGCATGTGCGT
 CTGAAGGAAGGGTCCAGTCCCCTCGGCTACCAGCACCAAAAGTCCCCACCTGTAAAAGGAAAGAAA
 CGTGGTCCAGAGTGGCAATAACCTATGGCCCTGACATCATCACTTCTCTGAGATCCTTGTCTCCACCC
 CTGGGTGCAACCCACCCCTTATCAACATTAATAGTCACTGCCATTCCACTGGACTGACATTTTTGTACC
 CTGTGATTCTGAGGGCTGGCAAGGAGTGGCTTGGAGTGCAGATCGTACCCTGTATGCCCCCCCCCCAAA
 TGGAGGCTGAGTTGGGGACTTGCAGGAACAGAGGCCAACTCAGATGGCTTCCCCTGTGTTCTCACTAGAA
 ACCCTCCCCATGCACCAAGGTGACAGTACAGGTCTGCCCTGGCTAAAGGACAAGCCACATAGGAAAAG
 ATTAGGACAAGCCCTCGGAGGCAGAGGATCCAGGGTAAACCCCTGGAGTGGCCACAAACCAATTCAG
 TGTAGGGACTTGTGCATGTGTACTTGCATAGTACAGACAGAGGCTGCCAGGGTCTTCTCTGTCTCTGA
 GAGCAGTGTTCACGCCAAGGACTCACCTTTGCCCCATTGCAGGCAGGGCCAGAACTCCCATAGCATTCT
 CCAAGAGCCCTGTGACATTTCTGGAAGGGACTTGCCCTGGGCGCAAAGTACTGCTGAAGCAAGGAGC
 AGCTGAGCAGCACCCAGCGGAGCTGAGCCGGCAGGCCACGCCCTCGGGGGGGGCATTTTACCCACC
 CTGCTCTGAATAGCTCCAACCTTACCTTAGGAGCCTCCCAGGGGCGAGCTTCAACCAGAAGCCAGTGACT
 CACTCCTTGATTGGTGAAGCTCAGTTGGCTCCTGAGAGTGAGGAAGCCAACCCTTTGTGACCCCTCCTC
 CTGGGAAGCCTGTGGCGGCTCTGATCATGCTCCACAGAACCAGTTGTAGGCCTGAGCCGCAGCAGCCCG
 AGTGCATAATCCTGGCTCCTCGGTGGGGAACCTTTAAGGGTGGGACACCCGTATCGGACTTTGTT
 GGTTCCTCCCTCCAGAGCAGAATGTGGCCGTAACAATCTGAGGAGGACTTTGAAAGTTGTTGATCCTT
 TAGGGTTTTTTTTCAAGCATATTACCAATGTCTGTGCCATTTTGTATTTTACTAATAAAAATTTAAAGT
 CTTGTGAATTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_009142
Insert Size: 1188 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:	<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:	BC006650 , AAH06650
RefSeq Size:	3106 bp
RefSeq ORF:	1188 bp
Locus ID:	20312
UniProt ID:	O35188
Cytogenetics:	8 46.79 cM
Gene Summary:	Acts as a ligand for both CX3CR1 and integrins. Binds to CX3CR1 and to integrins ITGAV:ITGB3 and ITGA4:ITGB1. Can activate integrins in both a CX3CR1-dependent and CX3CR1-independent manner. In the presence of CX3CR1, activates integrins by binding to the classical ligand-binding site (site 1) in integrins. In the absence of CX3CR1, binds to a second site (site 2) in integrins which is distinct from site 1 and enhances the binding of other integrin ligands to site 1 (By similarity). The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium (PubMed:9177350, PubMed:10382755).[UniProtKB/Swiss-Prot Function]