

Product datasheet for **RR200999**

Cx3cl1 (NM_134455) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cx3cl1 (NM_134455) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cx3cl1
Synonyms: Cx3c; Scyd1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200999 representing NM_134455
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCCTCACAGCTCGCGTGGCTGCTGCGCCTGGCCGCGTTCTTTCATCTGTGTACTCTGCTGGCGG
 GTCAGCACCTCGGCATGACGAAATGCAACATCACGTGCCACAAGATGACCTCGCCAATCCCAGTGACCTT
 GCTCATCCACTATCAACTGAACCAGGAGTCTGCGGCAAGCGCGCCATCATCCTGGAGACGAGACAGCAC
 AGACACTTCTGTGCTGACCCAAAGGAGAAATGGGTCCAAGACGCCATGAAGCACCTGGACCACCAGACCG
 CTGCCCTGACTAGAAATGGTGGCAAGTTTGAGAAGCGTGTGGACAATGTGACACCTAGGATCACCTCGGC
 CACCAGGGGACTGTCCCAACTGCCCTGGCAAAGCCTGAGTCAGCCACAGTGGAAGACCTTACTTTGGAA
 CCGACTGCTATTTCCAGGAGGCCCGAAGGCCATGGGGACTTCCCAAGAGCCACCAGCAGCAGTGACTG
 GATCGTCTCCCTCAACTTCCAAGCTCAGGATGCAGGGCTTGGCCCAAGCCTCAGAGCACTGGAATTTCT
 TGAGGTGGCTGCTGTCTTACCACATTTGGCCGAGTTCTGCTGTCTACCAATCTGGATCTAGCCTCTGG
 GCCGAGGAAAAAGCTACTGAATCCCCCCCCTATAGCCCTATCTACTCAAGCGTCCACCCTTCAAGCC
 CCAAGCAGAATGTTGGGTCTGAAGGCCAGCCCCCATGGGTCCAGGAGCAGGACTCCACTCCAGAGAAATC
 TCCAGGGCTGAGGAGACAAACCCAGTTTCACTACTGATATTTTCCAAGACAGAGGACCTGGCAGCACAGTC
 CATCCCTCAGTGGCTCCACCTCCTCTGAAAAGACCCCAAGCCCGGAGCTGGTGGCCTCGGGCAGCCAGG
 CTCTAAGGTAGAGGAACCCATTCATGCCACTGCAGATCCCAGAAACTGAGTGTGTTTACTACTCTGT
 CCCTGACTCCCAGGCAGCCACCCGAGGCAGGCAGTGGGGTACTGGCCTTTCTTGGTCTACTCTTCTGT
 CTGGGGTGGCCATGTTTGCCTACCAGAGCCTCCAGGGCTGTCCCGCAAATGGCAGGGGAGATGGTGG
 AAGGCTCCGCTACGTCCCCGTAGCTGTGGCAGTAACTCGTACGTCCTGGTGCCGGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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MAPSQLAWLLRLAAFFHLCTLLAGQHLGMTKCNITCHKMTSPIPVTLIIHYQLNQESCGKRAIILETRQH
 RHF CADPKEKVVQDAMKHLHQTAALTRNGGKFEKRVNDVTPRITSATRGLSPTALAKPESATVEDLTLE
 PTAISQEARRPMGTSQEPPAAVTGSSPSTSKAQDAGLAAPQSTGISEVAAVSTTIWSSAVYQSGSSLW
 AEEKATESPPTIALSTQASTTSSPKQNVGSEGPWPVQEQDSTPEKSPGPEETNPVHTDIFQDRGPGSTV
 HPSVAPTSSEKTPSELVASGSQAPKVEEPIHATADPQKLSVFI TPVPDSQAATRRQAVGLLAFLGLLFC
 LGVAMFAYQSLQGCPRKMAGEMVEGLRYVPRSCGSNSYLVLPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

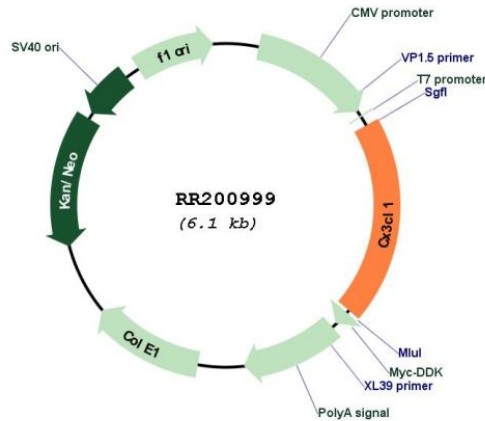
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_134455

ORF Size:	1179 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_134455.1 , NP_604450.1
RefSeq Size:	3044 bp
RefSeq ORF:	1182 bp
Locus ID:	89808
UniProt ID:	O55145
Cytogenetics:	19p13
MW:	42 kDa
Gene Summary:	chemokine that binds its receptor CX3CR1; induces chemotaxis and increased intracellular calcium levels in microglia [RGD, Feb 2006]