

Product datasheet for MR216938

Cxcl3 (NM_203320) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcl3 (NM_203320) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cxcl3
Synonyms: Dci; Dcip1; Gm1960
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216938 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCCTCCCACCTGCCGGCTCCTCAGTGCTGCACTGGTCCTGCTGCTGCTGGCCACCAACCACC
 AGGCTACAGGGGCTGTTGTGGCCAGTGAGCTGCCTGTCAGTGCCTGAACACCCTACCAAGGTTGATTT
 TGAGACCATCCAGAGCTTGACGGTGACGCCCCAGGACCCCACTGCACCCAGACAGAAGTCATAGCCACT
 CTC AAGGATGGTCAAGAAGTTGCCTCAACCCCAAGGCCCAAGGCTTCAGATAATCATCAAGAAGATAC
 TGAAGAGCGGCAAGTCCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216938 protein sequence
 Red=Cloning site Green=Tags(s)
 MAPPTCRLLSAALVLLLLLATNHQATGAVVASELRCQCLNTPRVDFETIQSLTVTPPGPHTQTEVIAT
 LKDGQEVCLNPQGPRLQIIKKILKSGKSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_203320

ORF Size: 303 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:
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_203320.3](#)

RefSeq Size: 1018 bp

RefSeq ORF: 303 bp

Locus ID: 330122

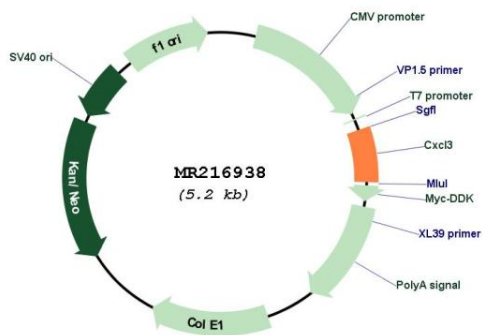
UniProt ID: [Q6W5C0](#)

Cytogenetics: 5 E1

MW: 10.7 kDa

Gene Summary: This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. [provided by RefSeq, May 2013]

Product images:



Circular map for MR216938