

Product datasheet for **MR223092**

Cxcl2 (NM_009140) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcl2 (NM_009140) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cxcl2
Synonyms: CINC-2a; Gro2; GROb; Mgsa-b; MIP-2; MIP-2a; Mip2; Scyb; Scyb2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223092 representing NM_009140
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTCCCACCTGCCGGCTCCTCAGTGCTGCACTGGTCTGCTGCTGCTGCTGCCACCAACCACC
AGGCTACAGGGGCTGTTGTGGCCAGTGAAGTGCCTGTCAATGCCTGAAGACCCTGCCAAGGTTGACTT
CAAGAATCCAGAGCTTGAGTGTGACGCCCCAGGACCCACTGCGCCAGACAGAAGTCATAGCCACT
CTCAAGGGCGGTCAAAAAGTTGCCTTGACCCTGAAGCCCCCTGGTTCAGAAAATCATCAAAAAGATAC
TGAACAAAGGCAAGGCTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223092 representing NM_009140
Red=Cloning site **Green**=Tags(s)
MAPPTCRLLSAALVLLLLLATNHQATGAVVASELRCQCLKLPRVDFKNIQSLSVTPPGPHCAQTEVIAT
LKGQKVCCLDPEAPLVQKIIQKILNKGKAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9007_e07.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_009140

ORF Size: 300 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_009140.2](#), [NP_033166.1](#)

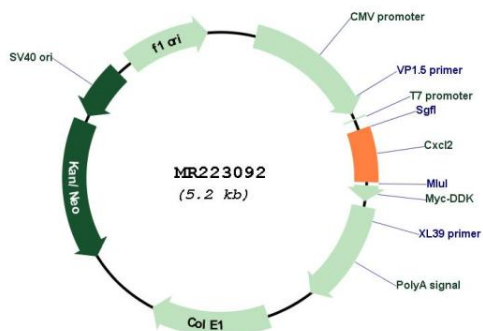
RefSeq Size: 1083 bp

RefSeq ORF: 303 bp

Locus ID: 20310

UniProt ID: [P10889](#)
 Cytogenetics: 5 44.78 cM
 MW: 11.1 kDa
 Gene Summary: Chemotactic for human polymorphonuclear leukocytes but does not induce chemokinesis or an oxidative burst.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223092