

## Product datasheet for **MC210014**

### **Cxcl11 (NM\_019494) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cxcl11 (NM_019494) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cxcl11
Synonyms:	b-R1; betaR1; Cxc11; H174; l-tac; lp9; ltac; Scyb9b; Scyb11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210014 representing NM_019494 <b>Red</b> =Cloning site <b>Blue</b> =ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

**ATGAACAGGAAGGTCACAGCCATAGCCCTGGCTGCGATCATCTGGCCACAGCTGCTCAAGGTTCTTTA**  
**TGTTCAAACAGGGGCGTGTCTTTGCATCGCCCCGGGATGAAAGCCGTCAAATGGCAGAGATCGAGAA**  
**AGCTTCTGTAATTTACCGAGTAACAGCTGCGACAAAGTTGAAGTGATTGTTACTATGAAGGCTCATAAA**  
**CGACAAAGGTGCCTGGACCCAGATCCAAGCAAGCTCGCCTCATAATGCAGGCAATAGAAAAAAGAATT**  
**TTTTAAGGCGTCAAACATGTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019494
Insert Size:	303 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:**

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:** [BC025903](#), [AAH25903](#)

**RefSeq Size:** 969 bp

**RefSeq ORF:** 303 bp

**Locus ID:** 56066

**UniProt ID:** [Q9JHH5](#)

**Cytogenetics:** 5 E2

**Gene Summary:** Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1, coding) represents the shorter transcript but encodes the functional protein. This variant, which is based on a transcript from the BALB/c mouse strain, includes a 1-nt insertion in the 5'-most exon compared to the reference genome sequence, which represents a null mutant allele (C57BL/6 strain).