

Product datasheet for **MR222244**

Cxcl11 (NM_019494) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cxcl11 (NM_019494) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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)
ORF Nucleotide Sequence:	>MR222244 representing NM_019494 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGGAAGGTCACAGCCATAGCCCTGGCTGCGATCATCTGGCCACAGCTGCTCAAGGCTTCCTTA
TGTTCAAACAGGGGCGTGTCTTTGCATCGCCCCGGGATGAAAGCCGTCAAATGGCAGAGATCGAGAA
AGCTTCTGTAATTTACCCGAGTAACAGCTGCGACAAAGTTGAAGTGATTGTTACTATGAAGGCTCATAAA
CGACAAAGGTGCCTGGACCCAGATCCAAGCAAGCTCGCCTCATAATGCAGGCAATAGAAAAAAGAATT
TTTTAAGGCGTCAAACATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR222244 representing NM_019494 Red=Cloning site Green=Tags(s)
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MNRKVTALAAIIWATAAQGFLMFKQGRCLIGPGMKAVKMAEIEKASVIYPSNSCDKVEIVTMKAHK
RQRCLDPRSKQARLIMQAIEKKNFLRRQNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9007_c10.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_019494

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_019494.1](#), [NP_062367.1](#)

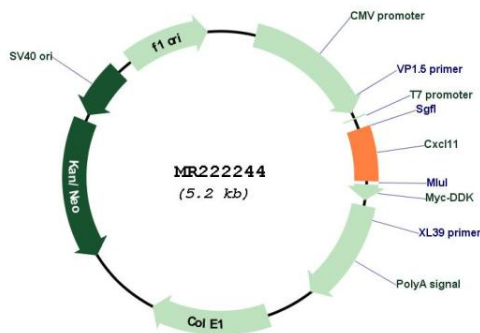
RefSeq Size: 1597 bp

RefSeq ORF: 303 bp

Locus ID: 56066

UniProt ID: [Q9JHH5](#)
 Cytogenetics: 5 E2
 MW: 11.7 kDa
 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]

Product images:



Circular map for MR222244