

Product datasheet for MG222244

Cxcl11 (NM 019494) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cxcl11 (NM_019494) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Cxcl11

Synonyms: b-R1; betaR1; Cxc11; H174; I-tac; Ip9; Itac; Scyb9b; Scyb11

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG222244 representing NM_019494

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

TTTTAAGGCGTCAAAACATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG222244 representing NM_019494

Red=Cloning site Green=Tags(s)

MNRKVTAIALAAIIWATAAQGFLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNSCDKVEVIVTMKAHK

RQRCLDPRSKQARLIMQAIEKKNFLRRQNM

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



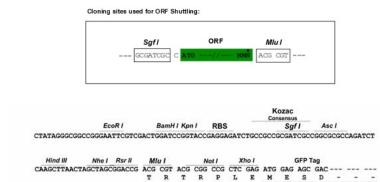
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

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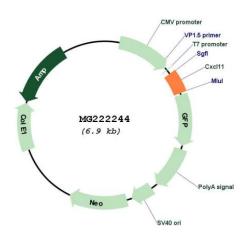


Cloning Scheme:



Pme I Fse I
GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT

Plasmid Map:



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

Cxcl11 (NM_019494) Mouse Tagged ORF Clone - MG222244

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: <u>NM 019494.1</u>, <u>NP 062367.1</u>

RefSeq Size: 1597 bp
RefSeq ORF: 303 bp
Locus ID: 56066
UniProt ID: Q9]HH5
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]