

## Product datasheet for **RG202533**

### **CXCL14 (NM\_004887) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CXCL14 (NM\_004887) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CXCL14  
**Synonyms:** BMAC; BRAK; KEC; KS1; MIP-2g; MIP2G; NJAC; SCYB14  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG202533 representing NM\_004887  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCCTGCTCCCACGCCGCGCCCTCCGGTCAGCATGAGGCTCCTGGCGGCCGCGCTGCTCCTGCTGC  
 TGCTGGCGCTGTACACCGCGCGTGTGGACGGTCCAAATGCAAGTGCTCCCGAAGGGACCCAAGATCCG  
 CTACAGCGACGTGAAGAAGCTGGAATGAAGCCAAAGTACCCGACTGCGAGGAGAAGATGGTTATCATC  
 ACCACCAAGAGCGTGTCCAGGTACCGAGGTCAGGAGCACTGCCTGCACCCAAGCTGCAGAGCACCAAGC  
 GCTTCATCAAGTGTACAACGCCTGGAACGAGAAGCGCAGGGTCTACGAAGAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG202533 representing NM\_004887  
 Red=Cloning site Green=Tags(s)  
 MSLLPRRAPPVSMRLLAALLLLLLLYTARVDGSKCKSRKGPKIRYSVKKLEMKPKYPHCEEKMVII  
 TTKSVSRYRGQEHCLHPKLQSTKRFIKWYNWNEKRRVYEE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)



**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\\_004887.4](#)

**RefSeq Size:** 1968 bp

**RefSeq ORF:** 300 bp

**Locus ID:** 9547

**UniProt ID:** [O95715](#)

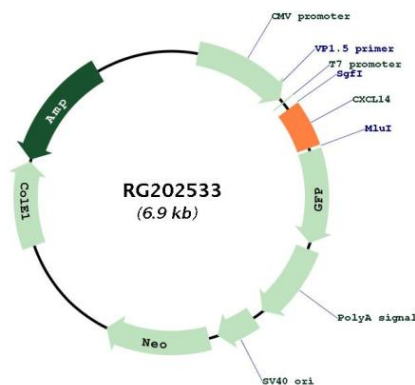
**Cytogenetics:** 5q31.1

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Gene Summary:** This antimicrobial gene belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq, Sep 2014]

### Product images:



Circular map for RG202533