

Product datasheet for RC211323

CXCL17 (NM_198477) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CXCL17 (NM_198477) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: CXCL17
Synonyms: Dcip1; DMC; UNQ473; VCC-1; VCC1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC211323 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAGTTCTAATCTCTCCCTCCTCCTGTTGCTGCCACTAATGCTGATGTCCATGGTCTCTAGCAGCC
 TGAATCCAGGGGTCGCCAGAGGCCACAGGGACCGAGGCCAGGCTTCTAGGAGATGGCTCCAGGAAGGCGG
 CCAAGAATGTGAGTGCAAAGATTGGTTCTGAGAGCCCCGAGAAGAAAATTCATGACAGTGTCTGGGCTG
 CCAAAGAAGCAGTGCCCCTGTGATCATTCAAGGGCAATGTGAAGAAAACAAGACACCAAAGGCACCACA
 GAAAGCCAAACAAGCATTCCAGAGCCTGCCAGCAATTTCTCAAACAATGTCAGCTAAGAAGCTTTGCTCT
 GCCTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC211323 protein sequence
 Red=Cloning site Green=Tags(s)

MKVLISLLLLLPLMLMSVSSSLNPGVARGHRDRGQASRRWLQEGGQECECKDWFRLRAPRRKFMTVSGL
 PKKQPCDHFKGNVVKTRHQRHHRKPNKHSRACQQFLKQQLRSFALPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6010_c01.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_198477

ORF Size: 357 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_198477.3](#)

RefSeq Size: 870 bp

RefSeq ORF: 360 bp

Locus ID: 284340

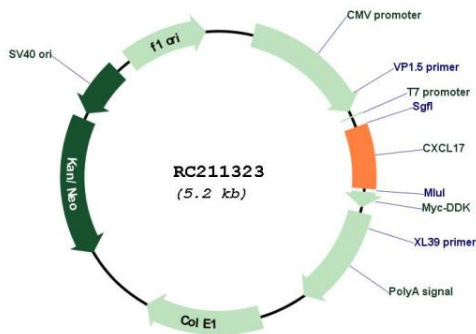
UniProt ID: [Q6UXB2](#)

Cytogenetics: 19q13.2

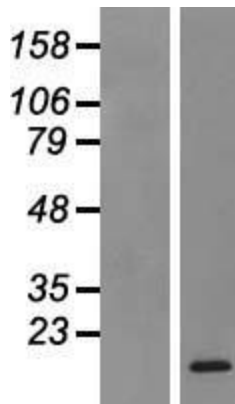
MW: 13.8 kDa

Gene Summary: The protein encoded by this gene is a mucosal chemokine that attracts immature dendritic cells and blood monocytes to the lungs. The encoded protein also promotes tumorigenesis through an angiogenic activity. Finally, this protein exhibits strong antimicrobial activity against *E. coli*, *S. aureus*, *Salmonella*, *P. aeruginosa*, and *C. albicans*. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2015]

Product images:



Circular map for RC211323



Western blot validation of overexpression lysate (Cat# [LY404911]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211323 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).