

# Mouse CCL21 cDNA Clone



**Sino Biological Inc.**  
Biological Solution Specialist

Catalog Number: MG50341-M

## General Information

**Gene Bank Ref. ID :** NM\_023052.2

**cDNA Size:** 402

**Gene Name Synonym :**

SLC; CKb9; TCA4; Ccl21a; Scya21c; exodus-2; Ccl21c

**Source:** Mouse

## Description

**cDNA Description :**

ORF Clone of Mus musculus chemokine (C-C motif) ligand 21C (leucine) DNA.

**Vector :**

Commercial pMD vector.(Produced by TAKARA. More information:

<http://www.takara.com.cn/explain/L/pMD18-T Simple.pdf>)

**Sequence Description :**

Identical with the Gene Bank Ref. ID sequence except for two point mutations: 194 T/C resulting in the amino acid Leu substitution by ser and 84 A/T not causing the amino acid variation.

## Shipping

1. 5 - 10µg Plasmid DNA is shipped on Whatman FTA elute card ( Catalog Number: WB120410 ) at room temperature.
2. It would take 3 - 5 days for delivery typically. For bulk orders, additional 1 - 2 weeks would be needed.

## Usage Protocol

1. Remove the marked edge in the center of the spot.
2. Transfer the filter paper to a 1.5ml microfuge tube containing 50-100 µl of sterile H<sub>2</sub>O. Ensure the filter is completely immersed in the H<sub>2</sub>O by briefly centrifuging the tube for 10 seconds.
3. Transfer the tube to a heating block at 95°C for 15 - 30 min.
4. At the end of the incubation period remove the sample from the block and pulse vortex, or gently tap, the sample approximately 60 times.
5. Briefly centrifuge for 30 seconds, to separate the matrix from the elute. The elute now contains the purified DNA.

## cDNA Sequence and Quality Control

**Sequence :**

```
ATGGCTCAGATGATGACTCTGAGCCTCCTTAGCCTGGTCTGGCTCTCTGCATC
CCCTGGACCCAAGGCAGTGATGGAGGGGGTCAGGACTGCTGCCTTAAGTACAG
CCAGAAGAAAATCCCTACAGTATTGTCCGAGGCTATAGGAAGCAAGAACCAAG
TTTAGGCTGTCCCATCCCGGCAATCCTGTTCTCACCCCGGAAGCACTCTAAGCC
TGAGCTATGTCAAACCCTGAGGAAGGCTGGGTGCAGAACCTGATGCGCCGCC
TGGACCAGCCTCCAGCCCCAGGGAAACAAAGCCCCGGCTGCAGGAAGAACC
GGGAACCTCTAAGTCTGGAAAGAAAGGAAAGGGCTCCAAGGGCTGCAAGAGAA
CTGAACAGACACAGCCCTCAAGAGGATAG
```

**Quality Control:**

The sequencing result is available upon request.