

Product datasheet for **RG235574**

Macrophage Inflammatory Protein 1 beta (CCL4L2) (NM_001291472) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Macrophage Inflammatory Protein 1 beta (CCL4L2) (NM_001291472) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: Macrophage Inflammatory Protein 1 beta
Synonyms: AT744.2; CCL4L; SCYA4L; SCYQ4L2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235574 representing NM_001291472.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGCTCTGCGTGACTGTCCTGTCTCTCCTCGTGCTAGTAGCTGCCTTCTGCTCTCTAGCACTCTCA
GCACCAATGGGCTCAGACCCTCCACCGCCTGCTGCTTTTCTTACACCGCGAGGAAGCTTCTCGCAAC
TTTGTGGTAGATTACTATGAGACCAGCAGCCTCTGCTCCCAGCCAGCTGTGGTTGCTGCTCCGGGAAGG
ATCCCATCCACCAGAGCTGCCCCACATGGACCATGGTCAGGCAGAGGAAGATGCCTACCACAGGCAAGG
GATAAAGCCAGA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235574
Blue=ORF Red=Cloning site Green=Tag(s)

```
MKLCVTVLSLLVLVAAFCSLALSAPMGSDPPTACCFSTARKLPRNFVVDYYETSSLCSQPAVVAAPGR
IPSTRAAPHGPWSGRGRCLPQARDKAR
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIIGDFKVMGTGFPE
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

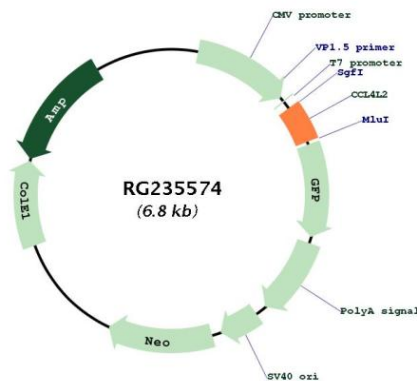
Restriction Sites: SgfI-MluI



Gene Summary:

This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this family member is similar to the chemokine (C-C motif) ligand 4 product, which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals, where most individuals have one to five copies. This gene copy contains a non-consensus splice acceptor site at the 3' terminal exon found in other highly similar gene copies, and it thus uses other alternative splice sites for the 3' terminal exon, resulting in multiple transcript variants. [provided by RefSeq, Apr 2014]

Product images:



Circular map for RG235574