

Product datasheet for **MG202857**

2010004A03Rik (BC016254) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 2010004A03Rik (BC016254) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 2010004A03Rik
Synonyms: 2010004A03Rik; AI593503
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202857 representing BC016254
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTGGGACTCGCCTGGCTATACTGTCTTGGGATCCTACTTGACGTGGCTTTGGGAAACGAGAATT
TGGAGATATGGACTCTGACCCAAGATAAGGAGTGTGACCTTACAGGCTACCTTCGGGGCAAGCTGCAGTA
CAAGAACCGGCTTCAGTACATGAAACATTACTTCCCCATCAACTACAGGATTGCTGTGCCTTATGAGGGG
GTACTCAGAGTGGCCAACATCACAAGGCTGCAGAAGGCTCACGTGAGTGAGCGAGAGCTTCGGTACCTGT
GGGTCTTGGTGTCTCAATGCCACTGAGTCTGTGATGGATGTACTTCTCGAGGGCCACCCGTCTGGAA
GTATCTACAGGAGTTTCAGACATTGCTGGAGAAGTACAGCGGAGCCTCATGGATGTGGAGATTGGCCCT
CACGTGGAAGCTGTGTTATCTCTTCTGAGTACTCCAGGCCTAAGCCTGAAGCTGGTGCAGGCCAAAGCCT
TGCTGGACAACCTGCTTCCGGGTCATGGAAGTGTGACTGTTCTTGTGTAAACAAGCCCCATCTTAAA
ATGGCAGGACTGCGAGCTGCCAGGCTCCATCCCACAGTCCGGGGTCTTGTATGCAATGTACAGCTACA
AATGTGTACCCCTTGTCTCGGCAGACCCACCTCCCTGCCCGGATCCCCAAGCTCAAGCCATGGCTCGT
TGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [BC016254](#), [AAH16254](#)

RefSeq Size: 1726 bp

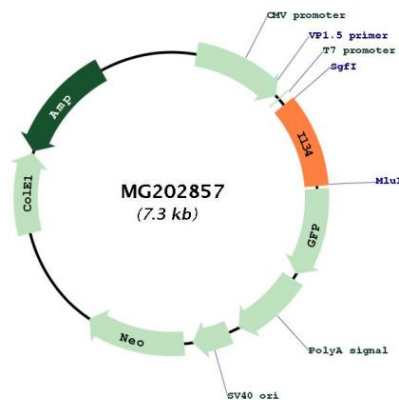
RefSeq ORF: 707 bp

Locus ID: 76527

Cytogenetics: 8 E1

Gene Summary: Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG202857