

Product datasheet for **MR201504**

Reg3g (NM_011260) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Reg3g (NM_011260) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Reg3g
Synonyms: AI449515; REG-3-gamma; reg III-gamma
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201504 representing NM_011260
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTCCCCGTATAACCATCACCATCATGTCCTGGATGCTGCTCTCCTGCCTGATGCTCCTTTCTCAGG
TGCAAGGTGAAGTTGCCAAGAAAGATGCCCATCTTCACGTAGCAGCTGCCCAAGGGCTCCCGTGCCTA
TGGCTCCTATTGCTATGCCTTGTTAGTGTATCTAAAACTGGTATGATGCAGATATGGCCTGCCAAAAG
AGGCCCTCAGGACATCTGTGTCTGTGCTCAGTGGCGCTGAAGCTTCCTCCTGCCTCCATGATCAAAA
GCAGTGGTAACAGTGGCCAATATGTATGGATTGGCTCCATGACCCGACACTGGGCTATGAACCCAACAG
AGGTGGATGGGAGTGGAGCAATGCTGATGTGATGAATTACATCAACTGGGAGACGAATCCTTCTCTTCC
TCAGGCAATCACTGTGGTACCCTGTCAAGAGCCTCAGGATTTCTGAAGTGGAGAGAGAATTATTGTAAC
TAGAGTTACCCTATGTCTGCAAATTCAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9050_d06.zip

Restriction Sites: Sgfl-MluI

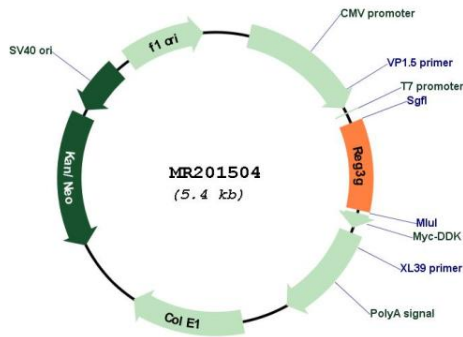


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RefSeq ORF: 525 bp
 Locus ID: 19695
 UniProt ID: [O09049](#)
 Cytogenetics: 6 C3
 MW: 19.8 kDa

Gene Summary: This gene encodes a C-type lectin that demonstrates bactericidal activity. This gene is predominantly expressed in the distal small intestine where the encoded protein undergoes proteolytic processing by trypsin. Mice lacking the encoded protein exhibit altered mucus distribution, increased bacterial contact with the epithelium, and elevated inflammatory markers in the ileum, and low-grade inflammation. [provided by RefSeq, Jun 2016]

Product images:



Circular map for MR201504