

Product datasheet for MC209310

Reg3a (NM_011259) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Reg3a (NM_011259) Mouse Untagged Clone
Tag: Tag Free
Symbol: Reg3a
Synonyms: AV063448
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209310 representing NM_011259
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGCCTCACCTGGTCTCAACAGTATTTCTGGATGCTGCTCTCCTGCCTGTTGTTTGTATTTGAGG
 TACAAGGTGAAGACTTCCAGAAGGAAGTGCCTCTCCACGTACCAGCTGCCCCATGGGTTACAAGGCTTA
 TCGCTCCACTGCTATGCCTTAGTTATGACACCTAAATCTGGTTTCAAGCAGATCTGGTCTGCCAGAAG
 AGACCCTCAGGACATCTCGTGTCTATTCTTAGTGGAGGTGAGGCTTCCTTTGTGTCTCCTTGGTGAACG
 GCAGAGTGGACAACCTACCAAGACATCTGGATTGGGCTCCATGATCCAACAATGGGTCAACAACCCAAATGG
 AGGTGGATGGGAGTGGAGTAACTCCGATGTGCTGAATTATCTTAACTGGGATGGGGATCCTTCTCTACT
 GTCAACCGTGGTCACTGTGGGAGTCTGACAGCAAGTTCAGGGTTTCTGAAGTGGGGAGACTATTACTGCC
 ATGGGACATTACCATTTGTCTGCAAGTTCAAGCAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011259
Insert Size: 528 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<ol style="list-style-type: none">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:	<u>NM_011259.1</u> , <u>NP_035389.1</u>
RefSeq Size:	837 bp
RefSeq ORF:	528 bp
Locus ID:	19694
UniProt ID:	<u>Q09037</u>
Cytogenetics:	6 34.76 cM
Gene Summary:	Bactericidal C-type lectin (By similarity). Regulates keratinocyte proliferation and differentiation after skin injury via activation of EXTL3-PI3K-AKT signaling pathway. [UniProtKB/Swiss-Prot Function]