

Product datasheet for MC206755

Rgs12 (BC040396) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rgs12 (BC040396) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rgs12
Synonyms: 1200016K18Rik; 4632412M04Rik; AI481290; E130309H11
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC040396

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GGACATGCCAGTGACCAGGAGTCTTACACAGACTCTACTGACGGGTGGTCCAGTGTCAACTGTGGCACAC
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TTAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

BC040396

Insert Size:

4146 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).

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:

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:

[BC040396](#), [AAH40396](#)

RefSeq Size:

5480 bp

RefSeq ORF:

4146 bp

Locus ID:

71729

Cytogenetics:

5 17.96 cM

Gene Summary:

Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form.[UniProtKB/Swiss-Prot Function]