

Product datasheet for **MC216843**

Rasgefla (NM_027526) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Rasgefla
Synonyms:	6330404M18Rik; A1835194
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC216843 representing NM_027526
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCTGGAGCCCCAGGAAGCTATGCCCCAGACATCTGTGGTCTTCTCCAGCATCCTTGGGCCAACT
 GTAACAGACAGGTGCAGCCTGGCATGGGGAGAGAGGAGGTGGGGCCAGCAGCGGCTCCAAGGACCTCAT
 TTTTCAAGATGGACGCCTCACTTCTGGGTCTTGGAGGCTTGATGGAGCATCTGGTTCCAACGGTGGAC
 TATTATCCTGATCGGACATACATCTTCACGTTTCTCCTGAGTTCCTGGGTCTTCATGCCCTCATGACC
 TTCTGGCTCGAGTAGGGCAGATCTGCCTGGAGCAGAGGCAACAGCTAGAGGCTGGGCTGAGAAGGCCAA
 GCTGAAGTCCTTCTCGACCAAGATTGTGACGCTGTTGAAGGAGTGGACGGAGGCCTTCCCTTATGACTTC
 CAGGACGAGAAGGTCATGGCGGAGCTGAAGGCCATCGCACACCGCGTCACTCAGTGTGATGAGGAGAATG
 GCACAGTGAAGAAAGCCATTGCCAAATGATACAAAGCTTGCTGCTGCTCCCTGGCTGCCGAAGTCAGCT
 CCAAGAGCTTCGGGAGAAGCTCCGGTACCCGTTGTGGACAAAGGCCGTCTTAAAGGCCAAGCCACCA
 GCTGCCCAGAAAGACATCCTGGGTGTGTGACGACCCCTGGTGTGGCCAGCAGCTGACTCACATTG
 AACTGGAACGGGTCAACAGCATCCGCCCTGAGGACCTGATGCGATCATCAGCCACATGGACTCTCTGGA
 CAATCACAGGTGCCGTGGAGACATGACTAAGACCTTCAGTTTGAAGCGTATGACAACCTGGTTCAACTGC
 TTGAGCATGCTCGTGGCTACAGAGGTGTGCCGGTGGTAAAGAAGAAACACCGGACCCGCATGCTGGAGT
 TCTTCATTGATGTGGCCGAGAGTGTTCACATCGGGAACCTCAACTCTATGATGGCCATCATATCTGG
 CATGAACCTCAGCCAGTGGCACGGCTGAAGAAAACGTGGTCCAAAGTCAAGACAGCCAAAGTTTATGTC
 TTGGAGCATCACATGGACCCCTCCAGCACTTCTGCAACTACCGGACAGCCCTGCAGGGGGCGACACAGA
 GATCCAGACAGCCAACAGCAGCCGTGAGAAGATTGTATCCCCGTGTTCAACCTCTTCGTTAAGGACAT
 CTACTTTCTACACAAAATCCACACCAACCCTACCCAATGGGCACATTAACTTCAAAAAATTTTGGGAA
 ATTTCCAGACAGATCCACGAGTTTCATGACATGGACACAGGTAGAATGTCCCTTTGAGAAGGACAAGAAGA
 TTCAGAGTTACGTGCTCACGGCGCCCATCTACAGCGAGGAAGCTCTCTTCATCGCCTCCTTTGAAAGTGA
 AGGTCTGAAAATCACATGGAGAAGGACAGCTGGAAGGCACTCAGGACCACTCTCCTTAACAGAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_027526

Insert Size:

1470 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027526.1</u> , <u>NP_081802.1</u>
RefSeq Size:	3236 bp
RefSeq ORF:	1470 bp
Locus ID:	70727
Cytogenetics:	6 F1