

## Product datasheet for **MC203713**

### Rasa1 (NM\_145452) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rasa1 (NM_145452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rasa1
Synonyms:	Gap; Rasa; RasGAP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC013637  
 ATGTGTGGTGATTACTACATTGGTGAAGGCGTTTTTCTTCACTCTCAGACCTAATAGGCTATTACAGTC  
 ACGTTTCTTGTTACTTAAAGGAGAAAAATTACTCTATCCAGTTGCACCACCAGAGCCAGTAGAAGATAG  
 AAGGCGTGTACGAGCCATTCTGCCTACACAAAAGTACCAGACACTGATGAAATAAGTTTTTAAAAGGA  
 GATATGTTTATTGTTTCAATGAGTTAGAAGATGGATGGATGTGGGTTACCAATCTAAGAACAGATGAGC  
 AAGGCCATTATTGTTGAAGACCTAGTGAAGAGGTGGGCCGAGAAGAAGATCCACACGAAGGCAAAATATG  
 GTTCCACGGGAAAAATTTCCAAACAAGAAGCTTATAATTTATTAATGACAGTTGGACAAGCTGCAGCTTT  
 CTTGTGAGGCCCTCAGATAAATACTCCTGGAGATTATTCTCTGTATTTTCGGACCAATGAAAAATTCAGC  
 GATTTAAAATTTGTCCAACACCTAACAAACAGTTTATGATGGGAGGCCGCTATTATAACAGTATCGGGGA  
 CATCATAGACCATTATCGGAAAGAAGCAGATTGTTGAAGGCTATTATCTTAAGGAACCTGTACCAATGCAG  
 GATCAAGGGCAAGTACTGAACGACACTGTGGATGGGAAGGAGATCTATAACACAATTCGTCGGAAGACAA  
 AGGATGCTTTTTATAAAAATATTGTTAAAAAAGGTTATCTTCTGAAGAAGGTAAGGAAAAACGTTGGAA  
 AAATTTATATTTTATCTTAGAAGGCAGTGTGCTCAACTATTTATTTGAAAGTGAAAAACGAGCTACA  
 AAACAAAAGGGCTAATAGACCTTAGTGTGTGTTCTGTCTACGTTGTTTCATGACAGTCTCTTCGGCAGGC  
 CAAACTGTTTTAGATAGTTCAGCACTTTAGTGAAGAACATTACATCTTTACTTTGCAGGAGAAAC  
 TCAGAAACAAGCAGAGGATTGGATGAAAGGTCTGCAAGCATTTCAGATTTACGGAAGGTAAGCCAGGG  
 ACATCTAATAAACGCCTTCGTCAGGTCAGCAGCCTTGTGTTTACATATTGAAGAAGCCATAAACTACCAG  
 TAAAACTTTACTAATCCATATTGTAACATCTACTTGAATAGCGTCCAAGTAGCAAAAACCTCATGCAAG  
 GGAGGGGCAAAACCCAGTATGGTCAGAGGAGTTTGTCTTTGATGATCTTCCTCCTGACATCAATAGATTT  
 GAAATCACACTTAGTAATAAAAACAAAGAAAAGCAAAGATCCAGATATCTATTTATGCGTTGCCAGTTGA  
 GCAGGTTACAGAAAGGACATGCAACAGATGAATGGTTTCTACTAAGTTCCCATATACCACTAAAAGGAT  
 TGAACCAAGGATCTTTGCGTGTTCGAGCAGATACTCCATGGAAAAATCATGCCAGAAGAAGAGTACAGT  
 GAATTTAAAGAGCTTATACTGCAAAAAGGAACTTCATGTCGTCTATGCTTTATCACATGATGTGGACAAG  
 ACCGAACACTACTGGCCAGCATCCTACTAAAGATATTTCTTCATGAAAAGCTTGAATCATTGTTGTTATG  
 CACACTAAATGACAGAGAGATAAGTATGGAAGATGAAGCCACTACCTATTTTCGAGCTACAACACTTGCA  
 AGTACCTTGATGGAGCAGTATATGAAAGCTACTGCCACACAGTTTGTTCATCATGCTTTGAAAGACTCCA  
 TTTTAAAGATTATGAAAAGCAAGCAATCATGTGAGTTAAGTCCGTCAAAGTTAGAAAAAATGAAGATGT  
 GAACACTAATTTAGCACACCTATTGAGCATACTTTCAGAGCTTGTGGAGAAAATATTCATGGCTTCAGAA  
 ATACTCCACCGACACTGAGATATATCTATGGGTGTTACAGAAATCAGTTCAGCATAAGTGGCCTACAA  
 ATAACACCATGAGAACAAGAGTCGTTAGTGGTTTTGTTTTCTTCGCCTTATCTGCCCTGCTATCCTGAA  
 TCCACGGATGTTAATATCATCTCAGATCCCCATCTCCTATTGTGCAAGAACACTGACATTAGTGGCT  
 AAATCTGTGCAGAATTTAGCAAATCTTGTGGAATTTGGAGCTAAGGAGCCTTATATGGAAGGTGTCAATC  
 CATTATATAAAAAGTAATAAACATCGCATGATCATGTTTTTAGATGAACTTGGGAATGTACCTGAACTTCC  
 GGACACTACAGAGCATTCTAGAAGTACCTGTCTCGTGACTTAGCAGCATTGCATGAGATTTGTGTAGCT  
 CATTGAGATGAACTGAGAACACTCAGCAATGAGCGTGGTGTACAGCAGCATGACTGAAAAAGCTTCTGG  
 CGATAACAGAAGTCTTCAACAAAAACAAAACAGTATACAAAAACCAATGACATCAGGTAGCAGCCTGT  
 GTTCTGCGTGGATTGAGTTTGCACACCGTGGTAATTCACACCATCATGTCTCCTTTGCTCTTGCCAAAAA  
 AA  
 AA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_145452
- Insert Size:** 2442 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:** [BC013637](#), [AAH13637](#)

**RefSeq Size:** 2626 bp

**RefSeq ORF:** 2442 bp

**Locus ID:** 218397

**Cytogenetics:** 13 45.05 cM