

Product datasheet for **MC205985**

Ralgps2 (BC052663) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgps2 (BC052663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ralgps2
Synonyms:	1810020P17Rik; 2210408F11Rik; 4921528G01Rik; 9130014M22Rik; AU043409; AW046161
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052663
AAGAGGTAATCCCGGAGCCGCGGGCGAAGCGGAGGCGACGGCCGCGGCTGCACAGGAATGATGCATTTGT
GGCCTTGGACATGAAGTAATCAGACCTCTGTTGCTGTTACTGTAGGCTCAGGGGCTGATGAGGAAAGCAT
GGACCTAATGAACGGGCAGGCAAGCAGTGTACTATCGCAGCCACTGTTCCGAGAAGAGTAGCAGCTCT
GAGTCACTAAGCGAGAAGGGCTCTGAATTGAAGAAAAGCTTTGATGCTGTGGTGTGGTGTCTTAAGG
TTACGCCAGAAGAATACGCGGGTCAGATAACACTAATGGATGTTCCAGTGTTAAAGCTATTCAGCCAGA
TGAACCTTCAAGTTGTGGATGGAATAAAAAAGAAAAATATAGTTCTGCACCAAATGCAGTTGCTTTTCCACA
AGAAGATTTAATCACGTAAGCTTTTGGGTTGTAAGAGAGATTCTCCATGCTCAAACACTGAAAAAAGAG
CAGAAGTTTTGAGCCACTATATTAAGACTGCTAAGAACTATATGAACTTAACAACCTTCACGCACTTAT
GGCTGTGGTTTTCTGGCTTACAGAGTGCGCCGATTTTCCGGTTGACTAAGACGTGGGCGTTATTAAGTCGA
AAAGACAAAACCTACCTTTGAAAACTAGAATATGTAATGAGTAAAGAAGATAACTACAAAAGACTCAGAG
ACTATATAAGCAGCTTAAAGATGACTCCTTGCATTCCCTATTTAGGCATCTATTTGTCTGACTTGACCTA
CATTGACTCCGCGTACCCATCCACCGGCAGCATTCTAGAAAATGAGCAAAGATCAAATCTGATGAACAAC
ATTCCTCGAATAATTTCTGATTTGCAGCAGTCTGTGAATATGATATTCCCATATTTGCCATGTCCAAA
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TGAAAGGAACAGATTATACCATTCTCGGCCCGGTGACAAGAGTGCCCGGAAATGGCTATCGAAGCCAC
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TTGGGCAGCCTTGTGTGGAACACAGCTTTTTTACTATGCCGCCAAATCTCTGAAGGCTACAGAAAGAAAG
CATTTCAAATCAACGTCAAATAAGAATGTGTCTGTGGTGGGCTGGATGGTGTGATGGTGACGACCCAG
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GATGAATGCAATGCTGTGGTTTAAACACTTGAGCGCGCCTGCCAGAGTAAACAAGCAACAGGTTCCCTACA
AACTTGATGACTTTTGTAGTAAACGCCTGAGACAGAAGAGGAGTGTATTGTTCCCGTGTGGAACCCGGAC
CTGCCGAGAGCCCGACCCGACCATCCCGTCCAGGAAGAGCCCCAGGCTCCAGCCAGCCTCCGAGC
TCAGAACCAAAAGCACTAATTTAGGGAATGAAGTGAAGTGTTCAGAGAAAAACGATGGAGTTGCAAA
GCAAACCTGCCATGAACCTCGCTTCTTCTCCGAACCTGACCTGTGGAAGCCACTGCCTAACAGAGTGCG
AGGAGAGCCGACACCAAATAGTGTGTGTGCTTCTTGGCGGTGCTGTGCTTGAATAAATTGTAGCTAA
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AGGCTCCAGAACACACCAGGGTTAAAGTTAACTTTCTGTATGAATTCATTGTTGGGCCCAAATCCGCAT
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ACTTATTTTTTATTGAATTTGTTTTGTTTGTTCAGTATGAGGTTCAAAGCATACTTGTTTAAAAGGTTCTTC
ATGTATATGTATGATTTTATTGTAAGACAAAGCAATTTTAAAGAAGATAAAGGCAAGGTTTGCAGTTCT
AGGAATTGAAAATATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC052663
Insert Size: 1773 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:	<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:	BC052663 , AAH52663
RefSeq Size:	2972 bp
RefSeq ORF:	1773 bp
Locus ID:	78255
Cytogenetics:	1 G3
Gene Summary:	Guanine nucleotide exchange factor for the small GTPase RALA. May be involved in cytoskeletal organization. May also be involved in the stimulation of transcription in a Ras-independent fashion.[UniProtKB/Swiss-Prot Function]