

Product datasheet for **MC218644**

Ralgps1 (BC072656) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgps1 (BC072656) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ralgps1
Synonyms:	mKIAA0351, RALGEF2, RALGPS1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC072656
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACAAGAGGAATGGTCTGATGGCTAGCGTGTGGTCACTCTGCCACTCCACAGGGCAGCAGCAGCT
 CAGACTCGCTGGAGGGCCAGAGCTGCGACTATGCCAGCAAGAGCTACGATGCTGTCGTCTTCGACGTTCT
 GAAAGTACTCCCGAGGAGTTTGCCAGTCAGATCACATTGATGGACATCCCCGTGTTCAAAGCCATCCAG
 CCAGAGGAGTTGGCCAGTTGTGGATGGAGTAAAAAGGAGAAAACACAGTCTTGCCCCAACGTCGTGGCCT
 TTACCCGGAGGTTCAACCAGGTCAGTTTTTGGTCTGACGAGAAATCTAACAGCACAGACTTTAAAAAT
 AAGGGCAGAAATCCTGAGCCATTTGTGAAAATAGCCAAGAACTTCTAGAAGTGAACAACCTTCATTCT
 CTCATGTCTGTGGTGTGAGCATTACAAAGTCTCCATCTTCAGGCTGACAAAAACCTGGGCTCCTTTGA
 ATCGAAAAGACAAGACTACTTTTGAGAACTTGACTACCTGATGTCCAAAGAAGACAACACAAGCGAAC
 CCGGGACTACATCCGAAGTCTGAAGATGGTGGCCAGCATTCCCTATCTAGGAATCTACCTTCTGGACTTG
 ATCTACATTGATTCTGCATACCCTGCCTCTGGCAGCATCATGGAAAACGAACAACGATCCAACCAGATGA
 ACAACATCCTCCGAATCATTGCCGATTTACAAGTTTCTGTAGCTATGATCACCTCACTACCCTGCCACA
 TGTGCAAAAGTACCTGAAGTCTGTGCGCTACATCGAGGAGCTCCAGAAGTTTGTAGAAGATGATAATTAC
 AAGTTGTCACTCAGAATCGAACCAGGAAGCAGCTCTCCAAGACTAGTTTCGTCCAAGGAAGATCTTGCA
 GCCCTCTGCCGGCTCCAGCTCAGCCAGGTTCCGCCGGAGGCCACCTGTCCAGATACATCTGTGGCCGG
 CAGCCTCCCCACACCGCCAGTCCCAGACACAGGAAGAGCCACAGCCTAGGCAACAACAGGGGACGCTTT
 TATGCCACGCTGGGACCTAACTGGCGGTTCCAGTTCGGAATCTCCAGAAGTCCGAGCTGTGTCTACA
 GCCCCACGAGCCCTTGCACCTGTACTGTGGGAAGCTCAGCCACTGTGCCACTATGGAGGGCCTCTGAG
 ACGGAAAACCTGCTCAAGGAAGGCCGGAAGCCTGCACTGTCTCGTGGACCAGGTAAGGTTGTACTC
 TCAGGAGCCACCCTCCTTTACTATGGAGCAAGTCTTTGCGGGGTACAGACAGAAAAATTATAAATCTA
 CACCTGGCAAGAAGTCTCCATCGTAGGCTGGATGGTGCAGCTGCCAGATGACCCCGAGCACCCAGATAT
 CTTCCAGCTGAATAACCCTGACAAAGGCAATGTTTACAAGTTCAGACGGGCTCCCGTTTCCATGCGATA
 CTGTGGCACAAGCATTGGATGATGCATGTAAAAGCAGCAGGCCCTCAGGTACCTGCAAACCTTATGTCT
 TTGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC072656

Insert Size: 1548 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: [BC072656](#), [AAH72656](#)

RefSeq Size: 6066 bp

RefSeq ORF: 1547 bp

Locus ID: 241308

Cytogenetics: 2 B

Gene Summary: Guanine nucleotide exchange factor for the small GTPase RALA. May be involved in cytoskeleton organization.[UniProtKB/Swiss-Prot Function]