

Product datasheet for **RN206503**

Ralbp1 (NM_032067) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralbp1 (NM_032067) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ralbp1
Synonyms:	MGC108645; RIP1; RLIP76
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206503 representing NM_032067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAGTGCTTCCTGCCCCACCAGCAGCCCTAGTGAACACCGCAGGGCCGAGCACGGCAGCGGGC
 TGACCCGACCCCGACTCCGAGGAGATCAGCCCTACAAAATTTCTGGATTGTACCGGACGGGTGAGCC
 TTCACCTCCCATGACATCCTCCACGAGCCTCCTGATATCGTGTGATGATGAGAAAGACCATGGAAAG
 AAAAAAGGAAAATTTAAGAAAAAGGAGAAAAGGACTGAAGGCTACGCTGCCTTCCAGGAAGACAGCTCTG
 GAGATGAGGCTGAAAGTCTTCCAAGATGAAGAGGTCCAAGGCATCCATGTGTTCAAAAAGCCAGCTT
 CTCTAAAAAGAAGGAAAAGGATTTTAAATCAAAGAAAAGCCAAAGAAGAAAAGCACAAAGAAGAAAAG
 CATAAAGAGGAAAAGCATAAAGAAAAGAAATGTAAGACTTGACGGCCGCGATGTTGTTAAACAGTGGA
 AGGAAAAGAAGAAAAGAAGAAGCCAACCTCAGGAGCCAGAGGTGCCTCAGACGGACGCCCGAGTCTCAG
 ACCCATTTTCGGCGCTCCCTTGCTGACGCAGTAGAGAGGACCATGATGTACGACGGCATCCGGCTGCCA
 GCTGTCTTCCGGGAGTGGTGGACTACATGGAGAAGCACGGCATGAAATGTGAAGGCATCTACCGAGTGT
 CAGGAATCAAATCAAAGGTAGATGAGCTGAAAGCAGCCTATGACCGAGAGGAGTCTCAAACCTTGGAAGA
 ATATGAACCTAACACTGTAGCCAGCTTGCTGAAGCAGTATCTGCGAGACCTTCCCAGAAATTTGCTTACC
 AAAGAGCTTATGCCCCGATTTGAAGAGGCTTGTGGGAGGACCACAGAGGTGGAGAAAAGTGCAGGAGTTCC
 AGCGCTTGCTCAGGGAAGTCCGGAGTACAACCATCTTCTGCTCTCTGGCTCATTGTGCACATGGACCA
 CGTCATCGGAAGGAGCTGGAACCAAGATGAACATCCAGAACATCTCCATAGTGTGAGCCCAACCGTC
 CAGATCAGCAACCGGGTCTGTATGTGCTTTTACACACGTGCAAGAGCTCTTGGCACCGTGGTCTCTGA
 AGCAAGTAACGAGACCTCTGCGTTGGTCCAACATGGCCACAATGCCTACACTGCCAGAGACCCAAGCAGG
 CATCAAGGAAGAAAATCAGGAGACAGGAGTTCTTTTGAAGTGTACATCGAGATCTGCAGGGCGGGATA
 AAGGACTTGTCTAAAGAAGAAAGATTATGGGAAGTACAGAGGATTCTGACTGCCCTCAAGAGAAAAGCTGA
 GGAAGCTAAAAGACAAGAGTGTGAGACCAAGATTGCACAGGAGATAGCCAGCCTTTCGAAGGAGGATGT
 TTCAAAGAAGAAACGAACGAAAACGAGGAGGTCATAAATATCTCTCTTCCAGGAGAAATGAGATCCTG
 ACTGAGCAGGAGGAGCTCCTGGCCATGGAGCAGTTTCTGCGTGTGATCGCCTCGGAGAAAGAAGAGA
 TTGACCCCTCCGAGCTGAGATTGCGGAGATCCAGAGTCCAGCATGGCCGAGCAGACAGAGGAGTA
 CTCCTCTGACAGCGAGAGCGAGAGCGAGGATGAGGAGGAGCTGCAGATCATTCTGGAAGACTTACAGAGG
 CAGAATGAAGAGTTAGAATAAAGAACAATCACTTGAACCAGGCAGTCCATGAAGAGCGGGAGGCCATCG
 TTGAGCTCCGAGTGCAGCTCCGGCTGCTCCAGATGCTGCGAGCCAAGTCTGAGCAGCAGCTCCAGGAGGA
 GGAGGAGCCCAGAGGCGAGGGGACAGGCCACTACCTGTGAAGGTGTCTCGAGGTGAGAGCAGCC
 AAGGAGCAGGCGAAGCCTCGCCAGCAAAGACCGGAAGGAGACGCCCATCTGAACTGCCCCGGCCCTGTG
 CATCGTACTGTAAGCGAGAGTCCGCTGCTGCTGCCAGGCAGCGTTCTGTGAAGGCTCTCAGAGACGC
 TCGCTCTTGCACACGTCTGACTCCGTGTGAGGCTCAGGCTCCTGGGAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_032067
- Insert Size:** 2082 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: [NM_032067.1](#), [NP_114456.1](#)

RefSeq Size: 3622 bp

RefSeq ORF: 2082 bp

Locus ID: 84014

UniProt ID: [Q62796](#)

Cytogenetics: 9q37

Gene Summary: binds the GTP-bound form of Ras-related GTPase RalA; also interacts with Rho family member CDC42 via a specific Rho-GTPase activating domain [RGD, Feb 2006]