

Product datasheet for MC224562

Ralgapb (NM_177658) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgapb (NM_177658) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ralgapb
Synonyms:	9330195P16; AI507211; B230339M05Rik; mKIAA1219; RP23-392P11.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224562 representing NM_177658 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTA**CTCTGAGTGGCGGTC**ACTGCATTTGGTGATTCAGAGTGATCAAGGCCATACCAGTGTGCTACACA
GCTATCCAGAGAGTGTGGCGAGAGGTGGCGAATGCAGTGGTCCGTCCTTGGGCAGGCATTAGGTAC
TTCTTCAGTGGCTGGTAGTGAGAGTTTATTA**AAAACTGACAAAGAAGTAAATGGACCATGGAAGTAAT**
TGCTATGGACTGACCCTCCATTAGATGGAGAGACTGTAA**AAATTTGTGTTGATGTATATACAGATTGGA**
TTATGGCTTTGGTGTGGCAAAAGATTCTATTCATTACCATTATTA**AAAGAACCTAATCTATATGTTCA**
AAGTATATTA**AAACATTTACAAAATCTTTTTGTACCAAGACAGGAACAGGGCTCCAGTCAAATCCGACTA**
TGCTTACAAGTCTGAGAGCCATTCAGAA**ACTGGCCCGGAGTCATCCATCATGGCTCGAGAAACCTGGG**
AAGTCTTACTGTTGTTCTTCTGCAA**TTAATGACATACTTCTGGCCCCACCACTGTTCAAGGTGGCAT**
TGCTGAGAATCTAGCAGAGAAGCTGATTTGGTGTCTCTTTGAAGTTTGGTTACTAGCTTGACCCCGGTGC
TTCCCAACACCTCCTTATTGGAAGACAGCAAGGAGATGGTGGCTAACTGGAGGCACCACCTGCAGTGG
TGGAGCAGTGGAGCAAGTTATCTGTGCACTGACCTCCAGATGCTCCGCTTTACATACGGTCCCTCATT
TCCTCCATTTAAAGTTCCTGATGAAGATGCCAATCTCATCCCTCCAGAAATGGACAATGAGTGATTGCA
CAAACATGGTTTTCGATTTTTACACATGCTAAGTAACCCCGTGGATCTGAGTAACCCAGCTGTTATAAGCT
CAACTCCCAAGTTTCAAGAACAGTTCCTGAATGTGAGCGGGATGCCACAGGAGCTGAGCCAGTACCCTG
CCTTAAACATCTGCCTCAGATATCTTTTCGTGCCATGCGTGGAATCAGCTGTCTGGTGGATGCATTTTA
GGCATTCTCGACCTCGATCAGACAGTGTCC**CCCAACACCCGTGAATAGATTAAGTATGCCCCAGAGTG**
CTGCTGTGAATACCACACCACACATAACCGGAGGCACCGGGCTGTTACTGTGAACAAGGCCACAATGAA
GACGAGTACAGTTACTACTGCTCACACCTCAAAGTCCAGCACCAGGCATCTCCACCTCTCCTCTGTCC
AGTCCAAATCAGACTAGTTCAGAACCCAGGCCGCTGCCTGCCCCCGAAGACCAAAAGTTAACAGCATCT
TGAATCTCTTTGGATCGTGGTTATTCGATGCAGCATTGTTCACTGTAACTCCATAATGAATAAACAG
AGACAACAGCATGACTGCCATTGCAACCCAAGCTAGCATGGAGTTTCGACGGAAAGGGTCCCAAATGTCA
ACAGACACCATGGTTTTCAACCTGTGTTTGTGCCAGTGAATTTCTGATAACTATGAAGCAGGAAGAG



CTGAGGCTTGTTGGACATTATGTAGGATTTTTGTAGCAAGAAGACTGGAGAAGAGATTCTGCCAGCTTA
 TTTATCCAGATTTTACATGCTTTAATTCAGGTTTCAGATAAATGATTATGTATGCCATCCTGTCTTG
 GCCAGCGTTATTCTAACTCCCTCCTTTGTTCTGCTGTGACTTGAAAGGGATTGATGTTGTGGTTCCTT
 ACTTTATTTTCAGCTCTTGAAACCATTTTGCCTGACAGAGAAGCTCTCAAAATTCAAAAGCTATGTAATCC
 AACAGAATTGAGAAGGTCATCCATTAATATCCTGCTTTCTTTGTTGCCCTCCCTCATCATTGTTGGCACA
 GTCAGATCTGAGGTGGTCTAGAAGGAAAGTTAGTAATGATGACAGCTCTTCTTATGATAAACCAATAA
 CTTTTCTGTCCTGAAGCTGAGACTTGTGAATATACTAATAGGTGCCTTGCAAACAGAAACGGACCTTAA
 CAACACCCAAATGATACTAGGGCAATGTTAAATATTGTTCAAGATTCTGCACTTTTAGAAGCCATTGGT
 TGCCAAATGGAATGGTGGTGGAGAAAACAACCTGAAGAGTCATAGTCGCACAAACAGTGGCATTAGCT
 CAGCAAGTGGAGGAAGCACAGAGCCTACAACCCCTGATAGCGAGAGACCTGCTCAAGCTCTTCTGAGGGA
 TTATGATTCAGCTGCTGGGCTCCTGATTCGAGCATTCTCTGTCACCTCAACGACTCAACTCCCAGTGG
 CGGCAAGATATGAGCATATCCTTGGCAGCTCTAGAGCTCCTCTGCGCTGGCAAAGGTGAAGGTGATGG
 TTGACTCAGGAGACCGGAAGCGTCCATCAGTTCTGTGTGCAGCTACATCGTATACCAATGCAGTCGGCC
 AGCTCCTCTTCACTCCCGGATCTGCACTCCATGATAGTGGCAGCATTTCAGTGTCTGTGTCTGGCTG
 ACAGAGCACCCCTGATATGCTGGATGAAAAGGATTGCCTTAAGGAAGTACTGGAGATTGTAGAAGTGGTA
 TCTCAGGAAGCAATCCAAGAACAGTGAGCAAGAAGTCAAGTACAAGGTGATAAGGAGCCGAACCTGCTC
 ATCCATGAGGGTAAAGGACGCGCCGAAGCCACTTAACATGTATCATGCAGTTGCTTGGCGCATTTCCT
 TCACCCAGTGGTCTGCTTCTCCTTGTAGTCTGGTGAATGAGACCACTCTGATCAAACTCCAGGCTGC
 CAACCAATAACAAGCATAGTTTCCGGTACTTTGTTTTGGATAACAGTGTCTCCTGGCAATGCTGGAGCA
 ACCGCTTGGAATGAGCAGAATGACTTTTTCCCTCTGTCACCTGTCTGGTCCGGGAATGTCTGGAAGA
 CTTGCGTGGGCTCAGCAGCTTTGCCCTTTACCCAGAGGAGCAAAAGCAATCAGAAGCTTTTGTGCCTG
 AACCTCGCCAGTTCTAAAAATGATGTTGGATTTAAATATTCTGTGAAACATCGGCCATTTCTGAAGA
 GGTGGACAAGATTCTTTTGTAAAAGCAGACTTGAGCATTCCAGATTTACATGAAATGTCACTGAAGAA
 TTAGAAGAGAGGCATGAAAAATTAAGAAGTGGTATGGCACAACAATGCTTATGAGATGCACCTGGAAAC
 AGCAGAGCGAGGGGAAGTGCAGAAGCGAAGCTTCCCTGACCCTGTTACGGACTGTAAGCCTCCACCTCC
 TGCCAGGAATTTAGACAGCCCGCTTTTCTTTCTCACTTTGGATTTTATCCTTAGAGGCATTAAGG
 GAACCTGCAAAATAGTCGTCTACCTCCTCATCTTATTGCACTCGATTCTACCATACCTGGATTTTTGATG
 ACATTTGGGTATCTGGATCTCCTGCCATGCCGCTTTTGACACTGTTTTTATTTTCTACATGAAGCCAGG
 TCAGAAAAACAACCAAGAGATTTAAAGAATGTGGAGTCTCCAGAAATGTTAGCCACATTTCTAGAA
 TTTTTGCTCTCCCTGGGCTGGTCAAGTGTGATGATGGTGAAGGGTCTGAACCAGATGAAATAACTTCTCTGAAGACGT
 TGGGGCTAGCATTTCACGCGGCAGAAGAAGGTGCTGTATTATGCTGATGCCCTAACAGAAATAGCTTTT
 GTGGTTCTTCTCCTGTGGAGTCACTGACTGATTGATTGAAAAGTAACTCTCAGACCAAGATAGTGACT
 CAAATATGGATCTTATGCCGGGAATTTGAAGCAGCCACCCTGACACTTGAAGTGGTCCCAATCACAC
 AGACAGTCTTAATTCCTCACAGAGGCTCAGTCCCAGTTCAGAATGAAGAAGCTGCCTCAGGGTCCGCT
 GTGCCCCCGCTTGGACCTGAGACAAGAGTATCTGTAGTCTGGGTGGAACGCTACGATGATATAGAAAAT
 TTCCACTCTCAGATCTGATGACAGAGATCAGCACTGGTGTAGAGACTACTGCAAAATAGTACACTTCTCT
 GAGATCTACAACCTTTGAAAAAGAAGTCCAGTAATCTTCACTTACCCTTTAAACACTGGATTGTTCCGG
 ATAAAAATCCAAGGAGCCACTGGAAAATTAACATGGTCACTACCTGTTGATGGATGATAGTACAGCC
 GTCGAGCACTTGGCTTTCTGGTGGGAGCAGACGGTAATAAACATTTGTAGAAGAAAGAGACTGGAGAGTGA
 TTCTTACAGTCCACCACATGTCCGTCGGAACAGAAAATCACTGACATTGTCAACAAATATCGGAATAAG
 CAGTTGGAGCCAGAGTTTATACTGCCCTTTCCAGGAGTTGGACTCAAGAAGTGCAGTTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_177658
 Insert Size: 4476 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:	<u>NM_177658.3</u> , <u>NP_808326.2</u>
RefSeq Size:	8366 bp
RefSeq ORF:	4476 bp
Locus ID:	228850
Cytogenetics:	2 H1