

Product datasheet for **MC206585**

Ralgds (BC027225) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgds (BC027225) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ralgds
Synonyms:	Gnds, mKIAA1308
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027225
 CCCTGGGGCTGGCGATGAGCTGCCGAGGCTGAGGATGATGGTAGATTGCCAGAGCTCCACGCAGGAGATT
 GGGGAGGAGCTGATCAACGGGGTCACTACTCCATCTCCCTGCGCAAGGTCCAGCTACACCAAGGAGCCA
 CTAAGGGCCAGCGCTGGCTAGGGTGTGAGAACGAGTCGGCTCTGAACCTCTATGAGACCTGCAAGGTGCG
 CACGGTGAAGGCTGGTACTCTGGAGAAGCTGGTGAACACCTGGTGCCTGCCTCCAGGGCAGTGACCTT
 TCCTACGTCACTGTCTTCTGTGCACCTACAGGCCTTCACTACCACCCAGCAGGTGCTAGACCTGCTGT
 TCAAAAGGTACGGTAGATGTGACGCCCTCACGGCCTCCTAGATATGGCTGCATCCTCCCCTACTCCAG
 TGAGGACGGCGGACCGCAGGACCAACTCAAAAATGCCATCTCCTCCATCCTGGGCACCTGGCTGGACCAA
 TACTCAGAGGATTTCTGTCAACCTCCGGACTTTCCTGCCTCAAGCAGCTGGTGGCTTATGTACAGCTCA
 ACATGCCTGGCTCAGATCTGGAGCGCCGCTCACCTTCTCCTGGCCAGCTGGAGGACCTGGAGCCAG
 TGAGGCTGAGTCTGAGGCCCTGTCCCAGCTCCAGTGCTGTCTCTGAAGCCAGCTTACAGCTAGAACCT
 GCACTGCTGTGACGCCAGCAAGTGGTACATCAACTCCAGTACGAGAGCCCGCTGCGGCCCCAGTGC
 CAGTGCTGGCCTCCAGCCAGTGGTGGCACCAGCTCCTGAGCTAGAACCAGTTCCAGAGCCACCTCAAGA
 GCCTGAGCCATCCCTAGCACTGGCTCCAGAGCTGGAGCCCGCTCTCACAGAGCCTGGAAGTGGAGTCA
 GCTCCTGTGCCACTCCTGCCTTAGAGCCTTCTGGTCTCTGCCTGAAGCCACGGAGAATGGAATAACCG
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 CACCTCGCGCCTACCATCCGCGCACTGTTGCCAGTTCAACAACGTGGCCAACCTGTGTCATTACTACCT
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 GGAGTGCAGAGCGCTCAAGAATTTCTCCTCCCTACGCCATCCTCTGCTCTACAGAGCAATGCCATC
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 CCCTACCTGGGCACATTCCTCACTGACCTGGTGTGCTGGACACTGCCATGAAGGACTATCTCTATGGGA
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 CTGCAACAACACAGCATTGCTCCGGAAGAACAACCTTTGGAACATGGTTCCGAGCTATGGAGCGACTCAGT
 GAGGCTGAGAGCTACACCCTGTCGTGTGAGCTGGAGCCCCGCTGAGTCGGCCAGCAACACCCTGAGGA
 GCAAGAAAAGCACAGCCATTGTCAAGCGCTGGAGCGACCGCCAGGCTCCCAGCACGGAGCTCAGCACCA
 TAGCAGTGCCCACTCCAAGTCTGTGACCAGCTTCGGTGCAGCCCTTACCTCGGCAGCGGGGACATCACC
 GACGCGCTCAGTGTGCACTCAGTGGCTTCCAGCTCTGATGTGGAGGAGATCAACATGAGCTTCGTCC
 CAGAGTCTCCTGATGGCCAGGAAAAGAAGTTCTGGGAGTCAAGCTCCCAGTCGTCGCCAGAGACCTTGG
 CATCAGCTCCGCCTCCAGCAGCCTCCTTCTGTCAGCCTCCACCACGCCCGTGTCTACCACGCGCACC
 CACAAGCGCTCCGTCTCAGGGGTCTGCAGCTACAGCTCCTCACTGCCTCTCTACAACCAGCAGGTGGGCG
 ACTGCTGCATCATCAGGGTCAGCCTGGATGTGGACAACGGCAACATGTACAAGAGCATCCTGGTACCAG
 CCAGGATAAAGGCTCCGACTGTATCCGAAAAGCCATGGACAAAACAACCTAGATGAGGACGAGCCAGAG
 GATTATGAGCTGGTGCAGATCATCTCAGAGGATCACAAGTGAAGATTCCAGAAAACGCCAATGTGTTCT
 ATGCCATGAACCTACCGCCAATATGACTTATCCTAAAGAAGCGGACATTCACAAAGGGGCTAAAGT
 CAAGCATGGAGCCAGCTCCACCTCCCTCGTATGAAGCAGAAGGGACTCAGGATTGCCAAAGGCATCTTC
 TAAGGACGTCTCCTGGGACGGGCTGACTGGCTGGGACTAAGCACTTACAGACTAGAGTGGCCCTGGCCA
 CACAGGTACCTCTGCCACCTGCCAGTCCAGGCTACCCCTACTCCACTTTACCCTGAACCTCTCCTG
 CTGCCGGGATTGACACTGCCACTGACAGGCTGACCTGGCCTCTGGGACCACCTGCCGCTTCCGTGCC
 TTCTGCTCTCTGGAACCAGAGGACTAGCTGACTTTTGGCAAGGAGTGTGCAACTGGGCATGGGACCTT
 GCCTGCCCTGGACACTATCCACCACACTTTGCTGACACTCCCCAGGTGCAGATCACTGCCACCATGCT
 CCCGGATGCTCCAGGACACATACACCAGCAGGGCTGCCGACTGCATTCTCCTTGTGCCACAGGC
 ACTGGCCTGGGACCTTATGGAGGTCTAGCCTTCTCCACACTCTAGCCTTCTCAGGCTGCACCAA
 AGATTCCACCTTACAGGGCTACAGAGTGAAGGAGCCTCGCCACCAGGAGCCCAAGCCCTCCTTGGATC
 AGAGAGAGAAGCCCTCTCGTGAACCTGCCGGTTGGTATTGAATCCAGTCCACTGAAAGTGCATTGACC
 ACCGCTGCATCCGGGCTGTACAAGACGACACGAGTGGGAGGTTTGTGGGAGGAGGAAGACAACCTGAAC
 ATTTGTATAAAACGTA AAAAGTTTACTGATTGGGTGGGACAATATTTATTTGTTGTAATAGAAAATGC
 TAGACTTGAATATTATATAAAAATCCCCTTCTACTAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN:	BC027225
Insert Size:	2559 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:	BC027225 , AAH27225
RefSeq Size:	3412 bp
RefSeq ORF:	2559 bp
Locus ID:	19730
Cytogenetics:	2 A3
Gene Summary:	Stimulates the dissociation of GDP from the Ras-related RalA and RalB GTPases which allows GTP binding and activation of the GTPases. Interacts and acts as an effector molecule for R-Ras, H-Ras, K-Ras, and Rap.[UniProtKB/Swiss-Prot Function]