

Product datasheet for **MG220967**

Ralgds (NM_001145834) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgds (NM_001145834) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ralgds
Synonyms:	Gnds; mKIAA1308; Rgds
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG220967 representing NM_001145834
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATGGTAGATTGCCAGAGCTCCACGCAGGAGATTGGGGAGGAGCTGATCAACGGGGTCATCTACTCCA
 TCTCCCTGCGCAAGGTCCAGCTACACCAAGGAGCCACTAAGGGCCAGCGCTGGCTAGGGTGTGAGAACGA
 GTCGGCTCTGAACCTCTATGAGACCTGCAAGGTGCGCACGGTGAAGGCTGGTACTCTGGAGAAGCTGGTG
 GAACACCTGGTGCCTGCCTTCCAGGGCAGTGACCTTTCCTACGTCACTGTCTTCTGTGCACCTACAGAG
 CCTTCACTACCACCCAGCAGGTGCTAGACCTGCTGTTCAAAGATATGGCTGCATCCTCCCTACTCCAG
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 ACATGCCTGGCTCAGATCTGGAGCGCCGCGCTCACCTTCTCCTGGCCAGCTGGAGGACCTGGAGCCAG
 TGAGGCTGAGTCTGAGGCCCTGTCCCAGCTCCAGTGCTGTCTGAAGCCAGCTTCACAGCTAGAACCT
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 CAGTGTGGCCTCCAGCCAGTGGTGGCACCAGCTCCTGAGCTAGAACCAGTTCAGAGCCACCTCAAGA
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 CAACTGGAGATGAACCTAGGAGAGCCAGAGCGGCGAGAAGGAGACAGGAGTCAAGGGCACCCGTT
 CCCTACCTGGGCACATTCTCACTGACCTGGTGTGCTGGACACTGCCATGAAGGACTATCTCTATGGGA
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 CTGCAACAACACAGCATTGCTCCGGAAGAACAATTTGGAACATGGTTCGAGCTATGGAGCGACTCAGT
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 GCAAGAAAAGCACAGCCATTGTCAAGCGCTGGAGCGACCGCCAGGCTCCCAGCACGGAGCTCAGCACCAG
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 CAGAGTCTCCTGATGGCCAGGAAAAGAAGTTCTGGGAGTCAAGCTCCCAGTCTGTCAGGAGACCTCTGG
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 ACTGCTGCATCATCAGGGTCAAGCTGGATGTGGACAACGGCAACATGTACAAGAGCATCCTGGTGACCAG
 CCAGGATAAGGCTCCGACTGTCAATCCGAAAAGCCATGGACAACACAACCTAGATGAGGACGAGCCGGAG
 GATTATGAGCTGGTGCAGATCATCTCAGAGGATACAAGCTGAAGATTCCAGAAAACGCCAATGTGTTCT
 ATGCCATGAACCTACCCCAACTATGACTTATCCTAAAGAAGCGGACCTTCACTAAGGGGGCTAAAGT
 CAAGCATGGAGCCAGCTCCACCCTCCTCGTATGAAGCAGAAGGGACTCAGGATTGCCAAAGGCATCTTC

ACCGTACGCGGCCGCTCGAG – GFP Tag – GTTAA

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_001145834.1](#), [NP_001139306.1](#)

RefSeq Size: 3741 bp

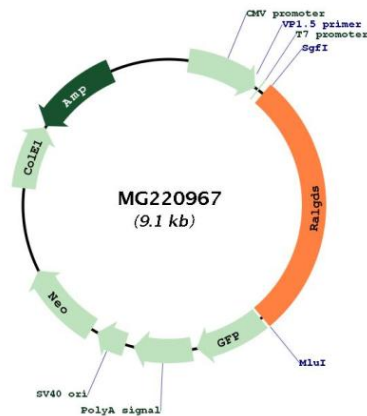
RefSeq ORF: 2523 bp

Locus ID: 19730

Cytogenetics: 2 A3

Gene Summary: Stimulates the dissociation of GDP from the Ras-related Ra1A and Ra1B 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]

Product images:



Circular map for MG220967