

Product datasheet for **RR210082**

Ralb (NM_053821) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ralb (NM_053821) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ralb
Synonyms: dRalb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210082 representing NM_053821
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCCAACAAAGGCAAGAGCCAGGGCTCCCTGGTCCTTACAAGGTCATCATGGTCGGCAGTGGGG
GAGTCGGCAAGTCAGCCCTGACGCTCCAGTTCATGTATGACGAGTTTGTAGAAGACTATGAGCCCACCAA
AGCCGACAGTTACAGAAAGAAGGTGGTTCTCGACGGAGAAGAGGTTCCAGATAGACATCCTGGACACAGCC
GGCCAGGAGGACTATGCGCCATCCGTGACAACACTCTCCGAAGCGGAGAAGGCTTCTGCTGGTGTCT
CCATCACGGAGCACGAGTCTTTCACCGCCACAGCTGAGTTCAGGGAACAGATCCTCCGAGTCAAGGCCGA
GGAGGACAAAAATCCCTCTGCTGGTCTGGGGCAACAAGTCTGACCTGGAGGAGCGGAGGCAGGTGCCCGTG
GAGGAGGCCCGAGGCAAAGCGGAAGAGTGGGGTGTGCAGTATGTGGAGACATCCGCAAAGACCCGAGCCA
ACGTGGACAAGGTGTTCTTTGATCTGATGAGAGAAATCCGGGCAAAAAGATGTCGGAAAAACAAGGACAA
GAACGGCAGGAAAAGCGGCAAGAGCAAGAAGAGTTTCAAAGAGCGGTGCTGCTTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210082 representing NM_053821
Red=Cloning site Green=Tags(s)

MAANKGKSQGSLLVHKVIMVSGGVGKSLTLQFMYDEFVEDYEPTKADSYRKKVVLGDGEEVQIDILDTA
GQEDYAAIRDNYFRSGEGFLLVFSITEHESFTATAEFREQILRVKAEEDKIPLL VVGNSDLERRQVPV
EEARGKAEWGVQYVETSAKTRANVDKVFDFLMREIRAKKMSKNDKNGRKSFKERCCLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_053821.2](#), [NP_446273.1](#)

RefSeq Size: 2265 bp

RefSeq ORF: 621 bp

Locus ID: 116546

UniProt ID: [P36860](#)

Cytogenetics: 13q11

MW: 23.3 kDa

Gene Summary: putative GTP binding protein [RGD, Feb 2006]