

Product datasheet for **RC206418**

RERGL (NM_024730) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RERGL (NM_024730) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RERGL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC206418 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAAACCTTCTGCATCTCAAATATAATGAGAAATCTGTTTCTGTTACAAAAGCCCTTACAGTGAGGT
 TTCTTACTAAGCGATTCATTGGAGAATATGCTTCTAATTTGAATCTATCTATAAGAAGCACTTGTGTTT
 GAAAGGAAACAATAAATCTAGAAATATGACCCTTGTCTCAAACACAGAAAGCAAAATTCCTCCCTC
 ACAAGTGAGCTTCACTGGCAGATGGGTTTGTATTGTGTATGACATCAGTGATAGGTCTTCATTTGCTT
 TTGCAAAAGCGCTGATCTACAGAATCCGGGAGCCACAAACTAGTCATTGTAAAAGAGCTGTGGAATCAGC
 AGTGTTTTTGGTTGGCAACAAACGAGATCTTTGTTCATGTGCGAGAGGTTGGCTGGGAAAGAAGGGCAAAAG
 CTGGCACTGGAACCGATGCCAATTCTGTGAAGTGTCTGCAGCAGAGCAGTCTCTGGAGGTGGAATGA
 TGTTTATCAGAATTATCAAGGACATCCTGATAAACTTCAAACCTCAAAGAAAAGAGACGTCCAGTGGATC
 TAAATCAATGGCCAAATGATCAATAATGTATTTGAAAGAGAAGGAAATCTGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206418 protein sequence
 Red=Cloning site Green=Tags(s)

MSNFLHLKYNEKSVSVTKALTVRFLTKRFIGEYASNFESIYKKHLCLERKQLNLEIYDPCSQTQKAKFSL
 TSELHWADGFVIYVDISDRSSF AFAKAL IYRIREPQTSCHKRAVESAVFLVGNKRDLCHVREVGWEEGQK
 LALENRCQFCELSAAEQSLEVEMMFIRIIKDILINFKLKEKRRPSGSKSMAKLINNVFGKRRKSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

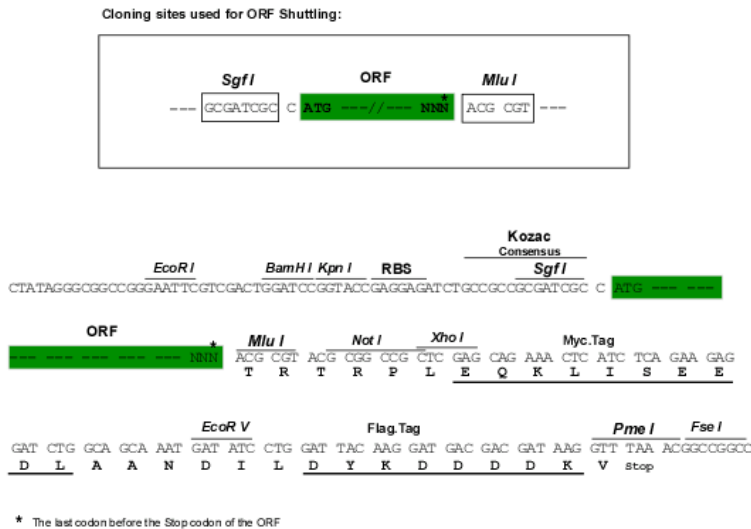
Chromatograms: https://cdn.origene.com/chromatograms/mk6344_g04.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024730

ORF Size: 615 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_024730.3](#)

RefSeq Size: 1162 bp

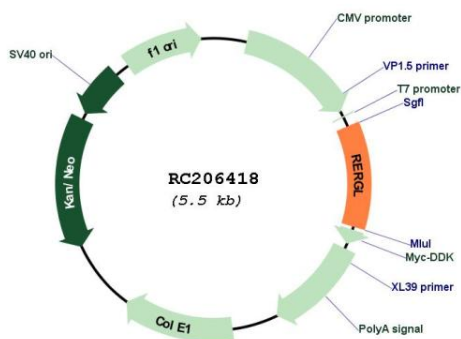
RefSeq ORF: 618 bp

Locus ID: 79785

UniProt ID: [Q9H628](#)

Cytogenetics: 12p12.3
MW: 23.9 kDa
Gene Summary: Binds GDP/GTP and may possess intrinsic GTPase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC206418