

## Product datasheet for **RR200325**

### Kitlg (NM\_021844) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Kitlg (NM\_021844) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Kitlg  
**Synonyms:** Kitl; Mgf; SCF  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR200325 representing NM\_021844  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGAAGACACAACTTGGATTATCACTTGCATTTATCTTCAACTGCTCCTATTTAATCCTCTCGTCA  
AAACTCAGGAGATCTGCAGGAATCTGTGACTGATAATGTAAAAGACATTACAAAACCTGGTGCGAATCT  
TCCAAATGACTATATGATAACCCCTCAACTATGTCGCCGGGATGGATGTTTTGCCTAGTCATTGTTGGTTA  
CGAGATATGGTAACACACTTATCAGTCAGCTTGACTACTCTTCTGGACAAGTTTTCAAATATTTCTGAAG  
GCTTGAGTAATTATCCATCATAGACAACTTGGGAAAATAGTGGATGACCTCGTGGCATGTATGGAAGA  
AAATGCACCTAAGAATGTAAAAGAATCACTGAAGAAGCCAGAACTAGAACTTTACTCCTGAAGAATTC  
TTTAGTATTTTCAATAGATCCATTGATGCCTTCAAGGACTTCATGGTGGCATCTGACACTAGTGATTGTG  
TGCTCTCTTCAACATTAGGTCTGAGAAAGGAAAGCCGCAAGTCCCCTGAAGACCCAGGCCTACAATG  
GACAGCAATGGCACTGCCGGCTCTCATTTCGCTTGTAATTGGCTTTGCTTTTGGAGCCTTAACTGGAAAG  
AAGAAACAGTCAAGTCTTACAAGGCGAGTTGAAAATATACAGATTAATGAAGAGGATAATGAGATAAGTA  
TGTTGCAACAGAAAGAGAGAGAGTTTCAAGAGGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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\\_021844.2](#), [NP\\_068616.1](#)

**RefSeq Size:** 5276 bp

**RefSeq ORF:** 738 bp

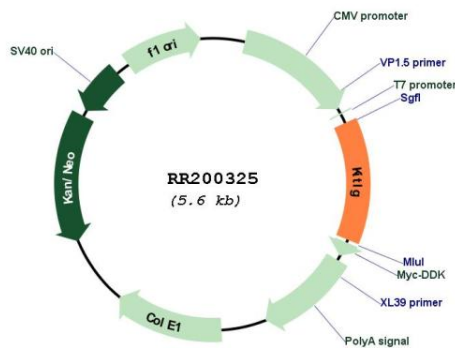
**Locus ID:** 60427

**Cytogenetics:** 7q21

**MW:** 27.7 kDa

**Gene Summary:** soluble growth factor that activates c-kit tyrosine kinase receptor; important for signaling in spermatogenesis; putative regulator of Leydig cell development [RGD, Feb 2006]

**Product images:**



Circular map for RR200325