

Product datasheet for RN207699

Recql4 (NM_001130494) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Recql4 (NM_001130494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Recql4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207699 representing NM_001130494 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCGGCTTGCACCGTTTCGCGCTGGCTGCAGGATTGGGAACGCGCTTTTGTACGGCTGCACGGGCGACGGCCAGCAAAGGAGGATGTGGAGGCGGCACCCGAGGAGACCCGCGCTCTACCGTGTAGTACCGTAACTAAAGCAGGCAGTGAGTCAGGCCGACGACGGACCCGCTCCAAAAGCAATCACTTGCCAAGGCAGTGAGGAGGAACAGGAGCCAAGCTGCTGGGTTCACCTGAACCGAGCTGCAACCCAGAACACACAGTCTATTCCAAAAGCAGAGCCACTGAGTTCTATACAAGACTATGGGAAGAGGCTCAAAGCCAATCTTAAAAACACTACAGGGCGGCCAACCTGAGTCGAAAACCTCAGCATCAGAAGAGATCCTTGTCCATAGTGCCACATCAAGGCCACAGGCCAAGGACTGAATCCCCCTGTCCAGAACAAGCTAATGATGCTCTTCCCAGGTTCCTGTGCCACGCCAAGGCAAGGCCAACTCCAGAAGCTCCAGTCATCCCTGAGCCTGAGGTTGAGTCCCTAGACCCTGGTTAGAGAGGTGTCAAACAGAGTTTCAGATCCTCTAGAGGTTCCAGGTGCTTGTGGCCTTGACCTGAGTGCAAAGGAGTCAACCTCAGATGTCAGGCAAGGTGAATGTCATTAGTCTGACATCCCTTCAGAAAGTATCTTACAGAGCCACAGGCCCTAGCCAAACAGCCAGCCCAAGTTTTGTACAGATCCCAAATCCAGCAACAGTAAAGACAGGAAGCGGAAACGGAATGAGAAGGGGGAGGACTTTGCACAAGCCAGCCCAGCAGCCAAGCAGGACCCCTGTCTGAGGGAGCTGGGGCTACAGCACATGGGCAAGGCCCTCCAGGAGAACCACACAAGTGACTGTCCCTCAGCACCGCTGCTCTTCAAACCAGGCCAGGACAGAGAATGCTAAGAGTGCGGCCACCTCCCATGTCCCTCGGCCAGCTTCCCTAGACAGAGGGAACATGTTTCGACTTAACATGAAAACCAATGCTTTGTACGAGTTGGGGCAGTCGGGGCAGGCTTCTCCGAAAGCAGGTATGGAAGCAAAAGTGAAGAAAGAAACAAGAGTGGTTTGGGAAAAGTGGACCCAGGGCCACAGTCAAGGACACTTGTTCGGGTGTGGGCAGTTTGGTCACTGGGCATCCAGTGTCCCAACCAGGCTCCACCCTGACCATCCAGCCAAAAAGTGACAGGAATGACAAACATCCATTTCCAGTTGGGGGAGTAGCACAGAAGTGGCACCACCTCCTGTAACCACTCTGGTGAGGAAACTGAACCTGCTGGACAGTGTACCAGTGCCTCATTGCCCCACGCCAGTGTACCCTCTACCCACCAGGGCCCTTGGGACAGGTAGCAGACACCCCTGCTGAGGTATTCCAAGTCTGAGCAGCTAGGGCACCACACCTTCCGCCCTGGGCAAGAGCGTGTGTCATGAGGATTCTTTCTGGCATCTCCACACTGTTAGTGTGCCACGGGTGCTGGCAAGTCTCTGTGCTACCAGCTTCTGCACTGCTCTATGCCAAGCGAAGCCCTGTCTCACACTGGTCGTCTCTCTCTCTGCTACTCATGGATGACCAGGTGTCTGAT



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CTGCCTTCATGTCTGAAGGCGGCCTGCCTCCACTCAGGAATGACCAAGAAACAACGAGAATCTGTCTTGA
 AGAAGGTACGGGCAGCCAGGTGCATGTGCTGATTGTGTCCCCAGAGGCCTTGGTGGGATGCGGGGCTAA
 GGGTCTCTGCCAACCTCCCCCGGCCGCTCAGCTGCCTCCAGTCGCCTTTGCCTGCATTGATGAGGTCCAC
 TGCCTCTCTCAGTGGTCACATAACTCCGGCCCTGCTACTTACGTGTTTTGTAAAGTACTTCGGGAGCATA
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 TCCATGGATCGAGACTCAGACCAGGCTCTGGTGACACTGCTACAAGGTGACCCGCTCCGTGCTGCTGTC
 CGATTATCATTTACTGTGCTCGACGAAAGGACACAGAGCGGGTGGCTGCCCTCCTCCGGACCTGCCTGTC
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 TGTAGCCAGGAACGAAACGAGTACAACAGGCCTTCATGCAGGGCCACCTGCGCATGGTAGTGGCCACAG
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 CATCCTCAGGGTGAAGACCTCTGGGAAGTGAAGCAGACATGTCATGCTGATAGCACTGACTTCTGGCTG
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 AGTCAAAGAGCACAGTGGCCAACAACATAACCCTGTACTGGGACTAGCCTGCCGGGGCCATAAGCGGGCA
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 TGGAACTACACCCTCGGCACTGGTTGGAGCTGCTGCCATACACCTATGCCCACTGCCATCTGCGTTGCC
 TGGGGGACAGTGCCAGCTGCAAGCTCTGGTCCACAGGTGTCCCCCTTTGGCTGCATGCTGGGCCAAGTGG
 CCACCTAAAGACACAAGTCAAGGTAGCAGCGCCTTAGAGTTTGTGTTGGTGGAACTGGCAGACTCCATGG
 GCTGGGAGTTGGCCTCTGTACGGCAGGCTCTCCACCAGCTGAAGTGGGACCCAGAGCCAAAGAAAGGTGC
 ACCACAGGGCACAGGAGTCTTGTGGAGTTCAGTGAGTTGGCCTTTCACCTGCACAGTCGTGGGGACCTG
 ACAGATGAGGAGAAGGACCAGATCTGTGACTTTCTGTACAGCCGTGTGCAGGCTCGTGAACACAAGGCC
 TGGCCACCTACACCAAATGTCCAAGGCCTTCAAAGTGTAGCATTCCAGTTGTGGACCTGTTTAGA
 GCAGTCTGACGAGGGGCACAGCAATCGGGTGAAGACCCTGGTCACTACTTTGAGGAGGAGGAGGAG
 GAGGAAGAGGAAGAACTATGAAGGATACTCAGGATCCAAAACCTGGGCAGACCCAGCTTCAGGATTGGG
 AGGACCAAGTTCCGCCGATGTCCACCAGCTCCTGTCCCTGAGGCCAGAAGAAAAGTTTTAGGAAGGGC
 TGTGGCCCGCATCTTCCATGGAATTGCAAGTCCATGCTACCCAGCCAGGTGTTTGGGCAGGACCGGCGC
 TTCTGGAGAAAGTACCTACACCTGGACTCCACGCCCTCATGCACCTAGCCACAGAGGAGCTCCTGCTCA
 GAGGCCGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001130494
- Insert Size:** 3651 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:

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_001130494.1, NP_001123966.1

RefSeq Size: 3860 bp

RefSeq ORF: 3651 bp

Locus ID: 300057

Cytogenetics: 7q34