

Product datasheet for **RN211807**

Ryk (NM_080402) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ryk (NM_080402) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ryk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211807 representing NM_080402
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCGCGGGCCGGGGCGGCTCCCGGGACCGCGGCCTGAGGGCCCCGCCGCCGCTGCTCCTGC
 TGCTGCTGGCGATGCTGCCCGCCGCCCGCCGCGTCCCGGCCCTGGCCGCCGCTCCTGCGGGACCCAG
 CGTGAGCCTCTACCTGAGCGAGGACGAGGTGCGCCGGCTACTCGGTCTTGATGCAGAACCTTACTATGTG
 AGAAATGACCTCATCAGTCACTACGCTCTGTCCTTAACTGCTAGTGCCAGTGAGACAACTTCTGTC
 ACTTCACTTGGCATGCAAAGTCCAAGTTGAATAAAGCTGGGATTCCAAGTAGACAACCTTGTGGCCAT
 GGGCATGCCCCAGGTCAATATTTCTGCTCAAGGGGAGTCCCACGCATTTATCAGTGTTCGGGTGCGAG
 CTTTCGTGTACCGCAAAGTAGACTCGGAAGTCATGATACTAATGCAGCTCAATCTGACAGTGAATTCCT
 CAAAAATTTTACAGTTTAAATTTTAAACGAAGGAAAATGTGCTACAAAAACTTGAAGAAGTAAAAAC
 TTCAGCCTTGGACAAAAACTAGCAGAACTATTTATGATCCTGTACACGCAGCTCCAACTACTTCCACA
 CGTGTGTTTTACATCAGTGTGGGGTTTGTGTGCAAGTAAATTTCTGTAGCAATAATATTAGCAGTTT
 TGCACCTTCATAGTATGAAAAGGATTGAACTGGATGACAGCATCAGCGCCAGCAGAGTTTACAGGGGCT
 GTCTCAGCCGTCCACCCAGACGCCAGTATCTGAGAGCTGACACACCCAACAATGCAACTCCTGTCAAC
 AGCTCCTCAGGTTACCCTACCTTGGGATAGAGAAGAAGGACTTGCAGAGTGTACTTCAAGAAGGTAC
 AAGCCAAGGTGAAGGATATTGCAATATCCAGGGAAAGGGTCACTGAAAGATGTACTTCAAGAAGGTAC
 TTTTGGGCGTATTTCCATGGGATTTAGTAGATGAAAAAGATCCAAATAAAGAAAAACAAACATTCGTA
 AAAACAGTTAAAGACCAAGCTTCTGAAGTTCAGGTGACCATGATGCTTACTGAGAGTGCAGCTGCGAG
 GTCTGCACCACAGAAACCTCCTTCTATTACTCATGTGTGCATAGAAGAAGGAGAAAAGCCTATGGTGAT
 ATCGCCATATGAACTGGGGGAATCTTAAATTTTCTACGGCAGTGCAAATTAGTAGAAGCCAATAAT
 CCACAGGCAATTTCCCAACAAGATCTGGTACATATGGCTATTCAGATTGCCTGCGGAATGAGCTACCTGG
 CCAGAAGGGAAGTGATTCATAAAGACCTGGCTGCTCGGAACTGCGTCATCGACGACACTCTTCAAGTAAA
 AATCACAGACAATGCCCTTCCAGAGACCTGTTCCGATGGACTACCACTGTCTGGGGGACAACGAGAAC
 AGGCCAGTGAGATGGTCTGGAAGCCTGGTCAACAATGAGTTCTCTAGTGCTAGTGACGTGTGGG
 CCTTGGAGTGACTGTGGGAGCTCATGACTCTGGCCAGACGCCCTACGTGGACATCGACCCCTTGA
 GATGGCCGCTTACCTGAAAGATGGTACCGAATAGCCAGCCAATCAACTGCCCTGACGAACTGTTTGT
 GTGATGGCCTGTTGCTGGCCTTGGACCCAGAGGAGCGGCCTAAGTTTCAGCAGCTGGTCCAGTGCCTCA
 CAGAGTCCATGCTGCCCTGGGCGCCTACGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_080402
- Insert Size:** 1785 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_080402.1](#), [NP_536327.1](#)

RefSeq Size: 1785 bp

RefSeq ORF: 1785 bp

Locus ID: 140585

Cytogenetics: 8q32

Gene Summary: an orphan receptor [RGD, Feb 2006]