

Product datasheet for **RN207778**

Ripk4 (NM_001107103) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ripk4 (NM_001107103) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ripk4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207778 representing NM_001107103
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGGCGAGGGCCGGGGCCGGTGGGCGCTGGGCTGTGCGCACCTTCGATGCGGGCGAATTCGCAG
 GCTGGGAGAAGGTGGGCTCGGACGGCTTCGGACAGGTGTACAAGGTGCGCCACGTGCACTGGAAGACATG
 GCTCGCGATCAAGTGCTCGCCAGTCTGCACGTGACGACAGGGAACGCACGGAGCTGCTGGAGGAAGCT
 AAGAAGATGGAGATGGCCAAGTTCGCTACATTCTCCCGTGTATGGCATATGCCAGGAACCTGTTGGCT
 TGGTCATGGAGTACATGGAGACAGGCTCCCTGGAGAAGCTGCTGGCCTCAGAGCCATTGCCTTGGGACCT
 GCGCTCCGCATTGTGCATGAGACAGCCGTGGGCATGAACTTCCTGCATTGCATGCCCCGCCACTGCTG
 CACCTAGACCTGAAACCAGCAAACATCCTGCTGGATGCCACTACCATGTCAAGATTTCTGACTTTGGGC
 TGGCCAAGTGAATGGCATGTCCACTCTCATGACCTCAGCATGGATGGCCTGTTTGGCACAATCGCCTA
 CCTCCCTCCAGAGCGAATTCGTGAGAAGAGCCGGTTGTTTACACCAAACATGATGTATACAGTTTTGCC
 ATCGTGATCTGGGGCGTCTTACACAGAAGAAGCCATTTTCAGATGAGAAGAACATCCTACACATCATGA
 TGAAGTGGTGAAGGGCCACCGCCAGAGCTGCCACCCATCTGCAGACCCCGGCCGCGCGCTGTGCCAG
 CCTGATAGGGCTCATGCAACGGTGTGGCATGCAGACCCACAGGTGCGGCCACCTTCCAAGAAATTACC
 TCAGAAACCGAAGACCTCTGTGAAAACTGACGAGGAGGTGAAAGACCTGGCTCATGAGCCGGGTGAGA
 AAAGTTCTCCAGAGCCCAGGAGTGGGCCAGGCCCTGAGTCTCACGCCTCAAGCGCGCCTCTGCTCCCC
 CTTGATAATGACTGCAGTCTCTCCGAGCTGCTGTACAGCTGGACTCTGGGATCTCCAGACTCTTGAA
 GGCCCCGAGGAGCTCAGCCGAGCTCCTCAGAAATGCAAGCTCCCATCGTCCAGTAGTGGCAAGAGGCTCT
 CGGGGTGTCTCCGTGGACTCCGCCTTTCTCCAGAGGATCACTGCTCACTGTCATTTGAGCGGGAAGC
 CTGACGCGCGATCTGGGCCCCACAGACATCCAGAAAAAGAAGCTAGTGGATGCCATCGTGTGAGGAGAC
 ACTAACAGCTGATGAAGATCCTACAGCCCAAGACGTGGACTTGGTTCTGGACAGCAGCCAGCCTGC
 TGCACCTGGTGTAGAGGCTGGACAGGAGGAGTGTGCAAGTGGCTGCTGCTTAACAATGCCAACCCCAA
 CCTGACCAACAAGAAGGGCTCTACACCGCTACATATGGCTGTGGAGAGGAGGGGGCGTGAATTGTGGAG
 CTACTGCTGGCCCGAAGACCAGCGTCAATGCCAAGGATGAAGACCAGTGGACCGCCCTGCACCTTGACG
 CCCAAATGGGGATGAGGCCAGCACAAGGCTGCTACTAGAGAAGAATGCTTCTGTCAATGAGGTTGACTT
 CGAGGGCCGAACCCCATGCATGTAGCCTGCCAGCATGGACAGGAAAACATTGTTCCGACCCTGCTCCGC
 CGTGGTGTGGACGTGGGATTGCAGGGAAGGATGCCTGGTTGCCCTGCACTATGCTGCCCTGGCAGGGCC
 ACCTGCCATTGTTAAGCTGCTAGCCAAGCAGCCTGGGGTGAAGTGAATGCCAGACACTAGATGGTAG
 GACACCCCTGCACCTGGCTGCTCAGAGGGGGCACTACCGTGTGGCTCGCATCCTCATAGACCTGAGCTCT
 GACATTAACATCTGCAGCCTGCAGGCACAGACCTCTGCATGTTGCCGAGAGACTGGACACACTAGTA
 CTGCCAGGCTACTCTGCATCGTGGTGTGGCAAGGAGGCTTTGACCTCAGAGGGCTACACTGCCCTGCA
 CCTGGCAGCCCGAATGGACACCTAGCTACTGTCAAGTGTCTCATAGAGGAGAAGGCTGACGTGCTGGCT
 CGGGGGCCCTGAATCAAACAGCACTGCACCTGGCTGCTGCCGTGGACACTCAGAGGTGGTAGAAGAGC
 TGGTCAGTGTGACCTCATTGACCTGTCTGATGAGCAGGGCCTCAGTGCACACTACACCTGGCTGCTCAGG
 CAGGCATTACAGACTGTGGAGATACTGCTCAAACATGGAGCAGCACAATTAACCTGCAGAGTCTCAAGTTC
 CAAGGAGGCCAGAGCTCTACTGCCACACTGCTCCGACGAGCAAGACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107103
Insert Size: 2361 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:	<ol style="list-style-type: none">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:	<u>NM_001107103.1</u> , <u>NP_001100573.1</u>
RefSeq Size:	3586 bp
RefSeq ORF:	2361 bp
Locus ID:	304053
Cytogenetics:	11q12