

Product datasheet for **RN212430**

Ripk1 (NM_001107350) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ripk1 (NM_001107350) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ripk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212430 representing NM_001107350
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCCAGACATGTCCTTGGACAATATTTAAATGGCATCCGATGACCTGCTGGAGAGGAAAGACCTGG
 ACAGCGGAGGCTTCGGGAAGGTGTCCTTGTGTTCCACAGAACCCATGGATTTGTCATCCTGAAAAAAGT
 ATACACGGGACCAACCCGCTGAGTACAATGAGGCTCTCTTGGAAAGAGGGGAAGATGATGCACAGACTG
 AGACACGATCGAGTGGTGAAGCTACTGGGCATCATCATAGAGGAGGGGAATTACTCGCTGGTGTGGAGT
 ACATGGAGCAGGGCAACCTGATGCACGTGCTGAAGACCAAGGAAAGTGTCCCACTTTCTGTGAAAGGAAG
 GATAATCGTGGAGATCATAGAAGGCATGCACTACTTACATGACGAAGGTGTAATACACAAGGACCTGAAG
 CCTGAAAATATCCTCGTTGACCGTGACTTTCACATTAAGATAGCCGATCTTGGTGTGGCTTCTTTAAGA
 CATGGAGCAAACCTGACTAAGGAGGAACACAACAAGCAGAGGGAGGCCAGCAGCGTCACCAAGAAGAACGG
 AGGCACCTCTACTACATGGCACCGGAACCTGACTGACATCAACACAAAGCCACAGAGAAGTCAGAT
 GTGTACAGCTTCGCCATTGTGCTTTGGCAATATTTGCTAATAAGGAGCCCTATGAGAATGTCATCTGTA
 CTGAGCAGTTCTTGGTCTGCATAAACTCTGGGAACAGGCCAAATGTGGAGGACATCCTTGAGTTCTGTCC
 AAGGGAGATCATCAGCCTCATGGAGCGGTGTTGGCAGACCAACCCAGAAGACAGGCCAACATTTTTTGGC
 ATTGAAAAAGAATTAAGCCTTTTTACTTAAGTCAATTTGAAGAATATGTAGAAGAGGATGTGGCAAGTT
 TAAAGAAAAGATATCCAAGTCAAAGCCAGTTTTGAAGAGAATGTTTTCTCTGCAGCATGACTGTGTGCC
 CTTACCTCCAAGCAGGTCAAATTCAGAACACCCGGTTCGCTGCACAGTCCCAGGGACTCCCAATGGGA
 CCTGTGGAGGAGTCTGGTTTTCTTCTCCCCAGAGTACCCACAGGAAGAGAATGAGCGCAGTGTGCAGG
 CTAACCTGCAAGAGGAAGCCAGCTATCATGCTTTTGAATATTTGCGGAAAAACAGACAAAATCACAGCC
 AAGGCTGAATGAGGCTTACAACAGAGAGGAGGAAAGGAAGCGAAGGGTCTCCCATGACCCCTTTCACAG
 CAGAGAGTTCATGAGAATGTTAAGAGTGCAGGAGCAAAAGGTCTTCTTATCCCAGCACAAACAGTCATG
 GAAATGCAGCGCACAGCTGTCAGGGCCAGCCAGCCAAATCAAAGTGCCACTTTGGAACAACGGAGTATA
 TAATCATCATGGGTTTGGAGCTACAGGTACAGGAGTTTGGTATGGGCCAAGTGTAAAGCCAATCATATAAT
 GCTTATAAACTCCAGTGCCTGAGACCAACCTACCAGGAAGCATACCCACCATGCCATACATCTCCTTGG
 CACCACCAGATGACTCCATAAGATGTACTATATAAATAGTTCTCGTGTTCAGATTGGAACTACAACATA
 TATGGATCTTGGACCGAGTTCACAACCACCAACCAACTTGCAAAGTAGAGTCAACTTCCAGGCATCAA
 GCCGTCTTCGCTAACCCACTAGCTGACTGATAAACACCTGAACCCATCAGGGAAAACATGGGAAAGC
 AGTGGAAAAACTGTGCCGAAAGCTGGGCTTCACTGAGTCTCAGATCGACGAAATCGACCATGACTATGA
 AAGAGATGGACTGAAAGAGAAAGTTTACAAAATGCTTCAGAAGTGGCTGATGCGGGAAGGCCAACGGGA
 GCCACGGTGGGAAAGCTGGCCAGGCTCTTACCAGTGTTCAGGACAGACCTGTGTAACCAAGCTGATTC
 AGGCCAGCCAGAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107350
- Insert Size:** 1977 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_001107350.1](#), [NP_001100820.1](#)

RefSeq Size: 4526 bp

RefSeq ORF: 1977 bp

Locus ID: 306886

Cytogenetics: 17p12