

Product datasheet for **RN207952**

Ripk3 (NM_139342) Rat Untagged Clone

Product data:

| | |
|---------------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Ripk3 (NM_139342) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ripk3 |
| Synonyms: | Hcyp2; Rip3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN207952 representing NM_139342
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCTGCAAGTTATGGCTCAATGGTGCCTCATCGATCTCTCTCGTGGCTCTGAAGAACTGGAGA
 ACCTAGGATTTGTGGCAAAGGCGGTTCCGAGCCGTGTTCCGGGCACGCCACACAGCATGGAACCTTGA
 TGTAGCAGTCAAGATCGTGAACCGAAGAAGATATCCAGGGAGGTGAAGGCTATGGTGAATCTTCGTCAT
 GAGAACGTGCTGCTCCTGCTGGGGTCACTGAGAACCTCGAGTGGGACTACGTGTACGGCCGGCTCTGG
 TGACAGGATTCATGGAGAACGGCTCCCTCTCAGGGCTGCTGCAACCTTCATGCCCTCGGCCCTGGCTCT
 CCTCTGTCGCTGCTAGAGGAAGTGGTCTGGGATGTGCTACCTACACAGCTTGAACCTTCGCTACTG
 CACCGGGACCTCAAGCCCTCCAATGTTCTGCTGGATCTAGAGCTCCACGCCAAGTTAGCAGACTTTGGCC
 TGTCACATTTACAGGAGGGTACAGTCAAGGTCAGGGTCAAGATCGAGAGATTCTGGGGCACCCCTAGC
 TTAAGTGGCCCCAGAGCTGTTGGATAATGACGGAAAGGCTTCTAAAGCAAGTGATGTTTACAGTTTTGGG
 GTCCCTCGTGGACAGTGTGGCTGGAAGAGAAGCTGAGGTGGTAGACAAGACCTCACTAATTCGTGGAG
 CAGTGTGTAAACAGGCAGAGGCGACCTCCATTGACAGAGCTGCCTCCGGACAGCCCTGAGACTCCTGGCTT
 AGAAGGACTGAAGGAGTTAATGACGCATTGCTGGAGTTCTGAGCCTAAAGACAGGCCATCCTTCCAAGAC
 TGTGAATCAAAAACCAATAATGTTTACATCCTGGTACAGGACAAGGTAGATGCTGCTGTCTCCAAGGTAA
 AGCATTATCTGTCTCAGTACAGAAGCAGTGACACAAAGTTGTCTGCCAGAGAGTCCAGCCAAAAGGTAC
 AGAGGTGGATTGCCCCAGGAAACCATAGTTTATGAAATGCTGGACCGCTGCATCTGGAGGAGCCCTCT
 GGATCAGTTCCTGAAAGACTCACAACTTACTGAGAGGAGGAAAGGAAGCATCATTTGGGCATGCCA
 CACCAGCAGGGACATCATCTGACACCTTGGCTGGCACTCCCAAAATCCACATACTACCCCTCCAGAGG
 CACAACACCTAGGCCAGCCTTTACTGAGACTCCAGGTCCCTGACCCCAAAGGAATCAGGGAGATGGAAGA
 AACAGCAATCCTTGGTACACCTGGAACGCACCAACCCAATGACAGGCCTACAGTCTATTGTCTTAAACA
 ACTGTTCTGAAGTGCAGATTGGACAACCAACTGCATGTCAGTACAACCGAGAAGTGCCTTTCCCAAGAA
 GGAGCCAGCACAGTTCGGCAGGGGTAGGGGCTGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1280_a06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_139342

Insert Size: 1437 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_139342.1](#), [NP_647558.1](#)

RefSeq Size: 2015 bp

RefSeq ORF: 1437 bp

Locus ID: 246240

UniProt ID: [Q9Z2P5](#)

Cytogenetics: 15p13

Gene Summary: a putative homocysteine respondent protein [RGD, Feb 2006]