

## Product datasheet for **MC221549**

### Ripk4 (NM\_023663) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ripk4 (NM_023663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ripk4
Synonyms:	2310069J12Rik; AI552420; ANKK2; Ankrd3; DIk; PKK; RIP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221549 representing NM\_023663  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGGCGAGGGCCGGGGCCGGTGGGCTCTGGGCTGCTGCGCACCTTCGACGCCGGCAATTCGCAG  
 GCTGGGAGAAGGTGGGCTCGGGCGGCTTCGGGCAGGTGTACAAGGTGCGCCATGTGCACTGGAAGACGTG  
 GCTCGCGATCAAGTGCTCGCCAGTCTGCACGTGACGACAGGGAACGAATGGAGCTCCTGGAGGAAGCT  
 AAGAAGATGGAGATGGCCAAGTCCGATACATTCTACCTGTGTACGGCATATGCCAGGAACCTGTGCGCT  
 TGGTCAATGGAGTACATGGAGACAGGCTCCCTGGAGAAGCTGCTGGCCTCAGAGCCATTGCCTTGGGACCT  
 GCGCTTTCGCATCGTGCACGAGACAGCCGTGGGCATGAACTTCTGCATTGCATGTCTCCGCCACTGCTG  
 CACCTAGACCTGAAGCCAGCGAACATCCTGCTGGATGCCACTACCATGTCAAGATTTCTGACTTTGGGC  
 TGGCCAAGTGAATGGCATGTCCACTCTCATGACCTCAGCATGGATGGCCTGTTTGGTACAATCGCTTA  
 CCTCCCTCCAGAGCGAATTCGTGAGAAGAGCCGCTTGTGGACACAAACATGATGTATACAGCTTCGCC  
 ATTGTGATCTGGGGTGTGCTTACACAGAAGAAGCCATTTGCAGATGAAAAGAACATCCTACACATCATGA  
 TAAAAGTGGTAAAGGGCCACCGCCAGAGCTGCCACCCATCTGCAGACCCCGGCCGCGTGCCTGTGCCAG  
 CCTGATAGGGCTCATGCAACGGTGTGGCATGCAGACCCACAGGTGCGGCCACCTTCCAAGAAATTACC  
 TCTGAAACAGAAGACCTTTGTGAGAAGCCTGATGAGGAGGTGAAAGACCTGGCTCATGAGCCAGGCGAGA  
 AAAGCTCTCTAGAGTCCAAGAGTGGAGCCAGGCCGAGTCTCACGCCTCAAGCGCGCCTGTCTCCCCC  
 CTTGATAACGACTGCAGTCTCTCCGAGTTGCTGTACAGTTGGACTCTGGGATCTCCAGACTCTTGAA  
 GGCCCGAAGAGCTCAGCCGAAGTTCCTCTGAATGCAAGCTCCCATCGTCCAGCAGTGGCAAGAGGCTCT  
 CGGGGTGTCTCAGTGGACTCAGCCTTTCTCCAGAGGATCGTGTCACTGTCTTTTGGCGGGGAGC  
 TTCAACAGGCGACCTGGGCCCCACAGACATCCAGAAGAAGAAGCTAGTGGATGCCATCATATCAGGGGAC  
 ACCAGCAGGCTGATGAAGATCCTACAGCCCAAGATGTGGACTTGGTTCTAGACAGCAGTGCCAGCCTGC  
 TGCACCTGGTGTGGAGGCCGACAGGAGGAGTGTGCAAGTGGCTGCTGCTTAAACAATGCCAACCCCAA  
 CCTGACCAACAGGAAGGGCTCTACACCACTGCATATGGCTGTGGAGCGGAAGGGACGTGGAATTGTGGAG  
 CTACTGTAGCCCGAAGACCAGTGTCAATGCCAAGGATGAAGACCAGTGGACTGCCCTGCCTTTGCAG  
 CCCAGAATGGGGATGAGGCCAGCACAAGGCTGCTGCTAGAGAAGAATGCTTCTGTCAATGAGGTGGACTT  
 TGAGGGCCGAACCCCATGCATGTAGCCTGCCAGCATGGACAGGAGAACATTGTGCGCACCTGCTCCGC  
 CGTGGTGTGGATGTGGGCTGCAGGGAAGGATGCCTGGTTGCCTTGCCTATGCTGCCTGGCAGGGCC  
 ACCTTCCCATTTAAGCTGCTAGCCAAGCAGCCTGGGGTGAAGTGAATGCCAGACACTAGACGGGAG  
 GACACCCCTGCACCTGGCTGCTCAGAGGGGGCATTACCGTGTGGCTCGCATTCTCATTGACCTGTGCTCT  
 GATGTTAACATCTGCAGCCTACAGGCACAGACCTCTGCATGTTGCTGCAGAGACTGGACACACTAGTA  
 CTGCCAGGCTACTTTGCATCGTGGTGTGGCAAGGAGGCTTTGACCTCAGAGGGCTATACTGCCTTGCA  
 CCTGGCAGCCCAGAATGGACACCTGGCTACTGTCAAGTGTCTCATAGAGGAGAAGGCTGATGTGATGGCT  
 CGGGTCCCCTGAATCAGACAGCACTGCACCTGGCTGTGCCGTGGACACTCAGAGGTGGTAGAAGAGC  
 TGGTCACTGCTGACCTCATTGACCTGTCTGATGAGCAGGGCCTCAGCGCACTGCACCTGGCTGCTCAGGG  
 CAGGCATTCACAGACTGTGGAGCACTGCTCAAACATGGAGCACACATCAACTTGCAGAGTCTCAAGTTC  
 CAAGGAGGCCAGAGCTCTGCTGCCACGTTGCTCCGACGCAGCAAGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_023663  
**Insert Size:** 2361 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_023663.6</a> , <a href="#">NP_076152.2</a>
<b>RefSeq Size:</b>	3550 bp
<b>RefSeq ORF:</b>	2361 bp
<b>Locus ID:</b>	72388
<b>UniProt ID:</b>	<a href="#">Q9ERK0</a>
<b>Cytogenetics:</b>	16 C4
<b>Gene Summary:</b>	Involved in stratified epithelial development (By similarity). It is a direct transcriptional target of TP63. Plays a role in NF-kappa-B activation.[UniProtKB/Swiss-Prot Function]