

Product datasheet for **MC205672**

Rilpl2 (NM_030259) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rilpl2 (NM_030259) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rilpl2
Synonyms: MGC7036
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003324
 GTTCGGTGCTACCCGCTACTCGGCGCAATTCCTCAAGGCCGCCAGACTGCGCACAGCGTGGACTCGGCC
 CAGTGCAAAGTTTCCCTGACCCAGAGTCAGTGGACGCATAGGTGCCACCAGCCCCGAGGTCCCGAAGT
 CCGGGGTACCATGGAGGATCACCCCGTGCGGGAGGAGGAGGACGCGAGGAAGACGAGGGCGCCCTGGCC
 AAGAGCCCCCTGCAGCTGACCACCGACGACGTGTACGACATCTCCTATGTAGTGGCCCGGAGCTGATGG
 CCCTGGGACGCGACCCCGCGTCAACCCGCTGACGTTCAAGATAGTACGTGTGATGGAGATGCTGGAGAC
 GCTGGTAAACGAGGGCAGCCTGGCGGTGAGGAACTGAGGATGGAGAGAGACAACCTCAAGCAAGAGGTG
 GAGGGGTGCGGAAAGCCGGTGTGTCCGGAGCCAGGTAACCTGGGACCGGACAAGATGGTAGTGGATC
 TGACAGACCCCAACCGTCCCGCTTCACTCTGCAAGAGCTGAGGGAGGTGCTGCAGGAGCGAAACAAGCT
 CAAGTCGCAGCTGCTGCTGGTGCAGGAGGAACTGCAGTGTACAGGAGTGGTCTACTTCCACCCAGAGAA
 ACTCCAGGAGGAAGAAGAGAGAAGGATGCTGTGGTTGCCATGGGCAACGGCGAGAAGGAGGAGAGGACCA
 TTATGAAGAAGCTGTTCTTTCCGGTCAGGGAAGCATACCTAGACTGAAAACCATCACCAAGATGGTGA
 CCCTCTTGACTTGAGAAGACAATTGCCAATATGCCTTCTGGAACCACTTCTGTGTGAGGAATGTGCCCT
 TGGCTTGCTCCTGCACAGAGCAGTCAGAGGAAGATGCTCCCTCCCATGGCTCACCTGCTCTCTGGGGACA
 GACCTGGACAGTCAGTAAGCTTTGGCCAGGCCAAATGAGGCCAATACTGAGAAGTGGAGAAAGCAAGGA
 ACAGAGTGTGGCTGCATCCCGCTCCTCCACACATGGACAGAGGCCTTGGCCTGTGGCTCGTTCCTG
 CCTCCGTGATTATCTGGTCTTAGCACGTGGCCGGGAGCGATGGAAAAGCAGGAACATATGGAATCATCG
 CCTTGACTGATATTTGATGAATACTTGTCTCTCTCATTCAACTTTTCTTTATACAATGTTTGTATTTAA
 GTGAAAAGACTTTTATAATGTCTATTACTGTTTCTTAAAAATAAAGATGGTGTATATGCAGGTGGGAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_030259
Insert Size: 594 bp



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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:	BC003324 , AAH03324
RefSeq Size:	1278 bp
RefSeq ORF:	594 bp
Locus ID:	80291
UniProt ID:	Q99LE1
Cytogenetics:	5 F
Gene Summary:	Involved in cell shape and neuronal morphogenesis, positively regulating the establishment and maintenance of dendritic spines. Plays a role in cellular protein transport, including protein transport away from primary cilia. May function via activation of RAC1 and PAK1. [UniProtKB/Swiss-Prot Function]