

Product datasheet for **MC201316**

4931414P19Rik (NM_028890) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4931414P19Rik (NM_028890) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4931414P19Rik
Synonyms:	Rtfc
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC029624 sequence for NM_028890
 CAAAGAGCCATACGACCTTCGAGTATCCTTTTTCCATTTTTTTTCTCCTTCATCTTGTGTGCGTTTTCC
 AAATTTTTAAAAATAGAGATCTGTGGCAGTGTGGGTGAAGGCCGTGGGACACCATTGTGCTGCGTACTT
 AGGGAGTACAGGACCTGCTAATGAAAGCTGAGGAGAAGCAACCATGGACCTGCTAGGCTACTCCTCCAC
 AGAACCCACAGCCCGAGCCCATCTCTTCTGACCACCGTCTATGAAGCGCATCCCTGGCGAAGGCCAGT
 TACTTGGAGCACTTGTGAAGCGACCTATTAGAGTGTGCACAGTTACCTGCGTCTATCAACTATGTCCTTT
 AGTGCCACCATTCTTTTCTCCCTCCCAGTGGCAGTGAAGCCAGATGCTGCTGTGCCTGTAAGAGCG
 AGACTAGCCAGGGCAGCACGGGTTCTCAGGGCGGAATCCTCCCGCCAGTACCCCATCACAGTGACTGG
 ACATGGCCTGGCGGTCCAAGCTCTGAACAGCTCCTGCACATTATCTACCAGCGGTGGACAAGGCAGTG
 GGTCTGGCTGAGGCCGCTCTGGGGCTTGCAGGGCCAACAATGAGTTGTTAAAACAGCTCCAGGAAGAAG
 TGGGTGAGCTACGGCAGGGGAAAGTGTGCACCGCTGATGAAGATAGAGAGAGCCGGGCCACCCACC
 ACCCGAAGAGCCTGGAGTGTCAAGGGAAGTCCAGGAGAAGCCAGCAACTCTCTGCTGCCATGGAGGAG
 GAGTGTGATAGCGTGGCAGTGGCGTGCAGGTGGTGTGATCGAGGAGCTGCGGCAACTGGGGCTGCCTCCA
 CCGTTGGCAGGGGCCCTTGGGCTTCTTCGCAGCCCCCAGAGAGATGCGCGCCTCCAGGATGCACTCT
 GGCTGCGGTAGAGGGAGTCCGCTGCTCAACCCGATGGCAGACGACTATGTGGCCTCTGAGGGTTCAATA
 CAACGAGTGTGTCCCGCTTATGCCAAACAGCTTTCGCCAGCCACACAATTGGCTATCCAGAGGGCAT
 CCTCAGAGACAGGCCAGAAAGTGAACCAAGCTGCCCGCAACGCGCCCTGAGGGTGTGCTCGGCTCTGC
 AGCTCTGGACAGTGCCTTGGACGAGTCAAGGCGCTGGAGGCGTGGGAATTGAGCCGCTCTCTTGGATTT
 GTTGGCTCCCCATGCAGGATCCGAGGGACTGGCCAGAAAACTCCAGGCGGAAGCGAGATCTGGTGTCT
 CCAAATGGTCCACAATGTGCATAACCACATACCAATGACAAGAGATTCAATGGGTGAGAAAGCATTAA
 GTCGTCTTGAATATTTCAAGTAGTGAAGTTCCTTCTGAAAAGCTCAAGCAGGAGCTGATGGTGAGCCCC
 CACAATTACACAGACAAGGAGCTGAAGGGAGCCTGTGTGGCCTACTTCTTACCAAGAGGCGAGAGTACC
 GCAATTTCTCAACCCTTTCAAAGGCCTAAAGGAGAAAAGAGGAGAAGAACTTCGAAGTCGCCGATACCG
 GCTTTTCCCAATCGATCCAGTATCATGAGGCACTTCGGACCCGAGGACCAGCACCTGTGGAAGGACGTG
 ACAGAAGAGCTGATGTCCGACGAGGAGGACAGTCTTAATGAGCCAGGTGTGTGGGTGGCCGCTCGCCCC
 GATTACAGGGCCCAGCGCCTCACAGAGCTGTCTACCACCTGGATGCTAACTCTAAGCACGGCACCAAAGC
 CAACCCGCTACGGGCTCCCTCAGACAGACTGCCTTCTGTGGAGGCCAACTCCTTCTCCGAGCTG
 TACAACCCCAATTTCCAAGAAGACGAAGGAGGGGCAATGAGAAAGGACCTGTCTCCCCATCTTATGACC
 AGCCCCACAAGACATCCTGCTGACTTGAACCTGTTTATTGAAATCAAGGTGAAAAGGATGAATACAC
 TCTATAACAAGGTAACCTGGCTCCTCCACTCTCCACATCCTGAAAAGGATGGCTCGGATTGGTAAAAGA
 AAATCTGCTTTTCTTAACATAGTTTCCACTTGAAGTGAATAGCAGAATTATGTAGAAGCAGGGGAGG
 TCTTTCTCCCTGTGAATGGCAGCCAGAAAATGTTTATCCCTAAGTATAAACAGTGCCTCAGAGGAGCCT
 GGGATGCAAAGGAGGATGGGCCAAAGAAACATGAGGCCTTGATCCATGTCGTGAGGCCTTGATCCATGTC
 GTGAGGCCTTGATCCATGTCCCCTCTCTGATTTGGTTTGGCCCCACTCTCCACCCACCCACCCAC
 TGTACCCACAGCTCAGGAGAAACATTGCTGGTCTTGTGCTGCCCGGAGGCTGAAGAGAGCAGTCCAGG
 GTCATACTGCCCCCTGGTGGGAAGTTTTCAGTATGGGCTTTCTAGTCTGAGCAGGGAATTATGGGCTTAC
 CGCTATTTGGAATTAGGATGTAGATATGATAGTTATTGTTGGATTTTTTAAATGATAGTTATTGTTGT
 TGGATTATAGAAAAAGTTTATTATTTCCATATTACAGTGGAGAAATTAAGCTTAAACATTTAAAAA AAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028890
- Insert Size:** 1626 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: [BC029624](#), [AAH29624](#)

RefSeq Size: 2600 bp

RefSeq ORF: 1626 bp

Locus ID: 74359

UniProt ID: [Q8K2W9](#)

Cytogenetics: 14 C2