

## Product datasheet for **MC203054**

### Erich5 (NM\_173421) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Erich5 (NM_173421) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Erich5
Synonyms:	MGC40815; MGC117582
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC030476  
 CCACGCGTCCGATCTCATCTCCGGAGCTTTTCCCCATTTCCCTTCCCAGCGCCCTACGCCTCCTGTACAG  
 CAGGTTCCCTTGGTTTTAATTGCCCTGTCTCTTGCCTGTCTCCTCCAGCTGTCCGGCACTCTGTT  
 TTCTCCGGCTTTATCCACCTGTGCGTCTCTCGATTGCCCTCCAGGTGCCACCCCGTAGCCAGAACTCC  
 GCTAGGTGTGCCTGTGCCTTGTGCTCTTGGGAAAGCAAGATCAAATAGTTGGAGAACTTCAGCCGCTAG  
 GTTTGCGGTGAGCATCGCATCCACACCCGTGAGGGGCTGGGCCAGGTACTGCTCTTTGAGCGATGGCT  
 GCTCCAGCAGCGCCCTCAACAAAGCGGGGACAGCAGCAGGTTCCGCAGCGGAGTAACTCGAATGAGAA  
 TTCTTCCACTGTAGAACATAACAAGTTCTGTGTAGACCAACCTAAACCATGTACACCAGGAGGAGAAGCT  
 GCCTTTCATGGCAACACACAAAGGAAAGCCATCCTTCACTCGAGAGGCCCAAGGCTTCAGTGGTGCCTA  
 CAGCAAATGGTGTAAATCCTACCATCAACCATCTCTGGCAAATGATGAGACCCCTGAAAGGAAGCCAC  
 AGATCACTCAAGACCCACAAAGAAGATTGAGCCTCTAGTGCAAGGCGGGGAGTGTGAGCAACCTCAGCCA  
 GGAGGCAAAGATGATATGTTGGGAACTGAGGAAGTGAAGAAAGATGTGGAAGCAAGGACAGAGGTCCCGT  
 CTTTAAAAGGAGATGCTGAGATTAAGCCTCTGAGGCTGTCATCAGAGAGGGACTCCCTGGAGCTCCACA  
 GGCTGGGACGATGAAGTTTCTACAAACAGCCGAGAACATTCTGCCTCTGGAACAACCTCAGGAGCTACCA  
 CAAAAGAAGCAACGGGAAAGGGTGCACAGCCCCAGATTCTAGAAGCAATCCCAAAGAGAACAGCTCTC  
 CAGAAATAGAAGGATCCAATCTGCAGAAAGCAGCGGACAGCAGCAACTGTAGAAGCCCAAGGTGAAGC  
 TGAGCAGCCCAAGCTCTAGAAACAGTACTCAAAGAGAACGAAACATCACAGATGCCAGGAGAAGCCAG  
 CCCGTGCCAACACCTGTAATGAACAAGTACCCTGTGAAGCTCCTGACGGTCTCAGAAATGCCCATGAAC  
 CTCAAGTAACAGGTGAAACAGGGTACAGCCAGCCGAAACTGGAGAGACAGCAGCAAAGGTGAAATGGC  
 CAGAGAAATCCACCCTGATAAAGAGGAACAACACATTGAAGGTGAGACAGGAGAAAAGGTGGAAGCAGAG  
 ATGAAAAATGAGAAAGAAAGTGAAGAAGCTGAAACTAAAGAGAAAAGAAACAGGAGAAGCTGTGGATCTTG  
 GAGCAGCAGGGGCTGGTACAGAAAGGCTTAGTGTGCAGTGTACACCAGAGGGCAGGGATATTTGAGGC  
 TGGGAGGCGGGCACCACCTTTCTGCGGCTTTGTGGTTTATACAAGGAGTATAGTTTTAAATGACTGTA  
 GGAACCAAGAGAACAATGCTGTTTTGTTGTTGTTGTTGTTGTTTCTTTTATTGTTTACACCATAAAA  
 CTGCTAAGCCAGACACGGTTTTCTTAGATACTTAGGATAATTATGAATCAAAGTGACAATAGCCATAGC  
 CAATCAAACTGTAAGATCATCTAAGAGAAAGAAGGCAATCTTACCCTGTAGCCATGAGGTCTCAGGA  
 TAAATGAGACCCTAAAAGGAAAGTACAAACCTTTAAATGTAGGTGTCTAGAGAGAGGAACTAGCAA  
 TTAAGGAACTCATGATAAGAGAGTTTTGCAGTTAATAGTGATGGAACAAAATTAATAACCCAGAAC  
 ACAGGACCAACTCTACCTAATATTTCTGCTGTAAATAGAAATTTGACTGAGCCGGGCGTGGTGGCGCAC  
 GCCTTTAGTCCCAGCACTCGGGAGGCAGAGGCAGGAGGATTTCTGAGTTCGAGGACAGCCAGATCTGCAA  
 AGTGAGTTCAGGACAGCCAGGGCTACACAGAGAAACCCTGTCTTGAAAAACAAAACAGAAAGAAAGGAA  
 CCTCAGGAGCCTGTATTCTAATACTTTCTGTCTGAAATCTATCTACTACTACAAATCACTGTGACCC  
 ATGGCATACTAAATGTTAACAAAATTTCTGGAGGGATGCAATTGGGGTGTGTTGCAAGCTTTGGGATT  
 TTTTACAGTTAAAGAGTCCACATTTTCCATGTGCCATTTTGAATTGGCTGGTGTATTTATACTTAAGGGG  
 GGGGAGTGTGGTGTATCTCTCTCTTTCTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTAA  
 ATCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_173421

**Insert Size:** 1089 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:** [BC030476](#), [AAH30476](#)

**RefSeq Size:** 2400 bp

**RefSeq ORF:** 1089 bp

**Locus ID:** 239368

**UniProt ID:** [Q8K0S2](#)

**Cytogenetics:** 15 B3.1