

Product datasheet for **MC221063**

Erich6 (NM_001081262) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Erich6 (NM_001081262) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Erich6
Synonyms:	4932431H17Rik; Fam194a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221063 representing NM_001081262
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGCCCGCTCAGGGAGTGCAGGAAAGCCTGAAAGAGGAACACAAAGTCAAAAAAGCCAGATAAGCCCT
 CGAAGGGAAAAGAGATGGTAGAGGCAGAGAAAGCGCAGAAGATGCAGAGAGAGCAGGGGGAGGAGTTGGA
 GCAGGAGGGACAGGAGGAGGAGGTGGAGGAAGAGGAAAAGGAGGAGGAGGCCAAGGAGGAGCAGGGAGCT
 CAGGAGGAGCAGGAGGGCAGGGAGCTCAGGGGTGCAAGGGTGGGATGATAGGGAGGGCCAGCCGAGG
 AAAGCCAGAACCTGTTCCCTGAGTCGTTGAACGAAGAAGACATCTGAAAAGCCATAGGCCCCAGTGAAGG
 CTTTGACGAAGACTCACCGAATTCGTCGCCGCTTAATTAGCGTGGTCAGCCCCAGCCTGAGCACTATG
 TCCCCGCCAGCAAGGTGCCAGCCCTCGTGGGCGAAGAGGAGCCGCTGCCGCTGCCACAGGGAGG
 GCTCTCCTCTGCTCCAGCAGCGGCTCGTCCCACAAAAGCTATCCAAAATATTTCAAACATTTAAAAA
 GGACTTGTCTGAAGTACTGTAGATAGAGACATGTATCCAAGTTGTATGAAAGAGTTTCAGATGTCAGTA
 CAAACAGAAGATGAAAGTTGGCTTCAACGAATTTCTGCTAAAAAGCAGATAAAAAGAATACCATCTATTG
 AGATAACGGAAACACTGCCACAAACTCAAGCTTCTATGTTAAGAGAAAATTTGGGTAAATTAATCCTGAAGA
 GCCCAAGCTAAGCATTTTATGTGAGATGGAGTTTAAATGAAGACTTTGTAATTTGTTTGAACCTTCTCTA
 AGGACGTTACCCAGCGTTGGGCCACCGCCATTCTGTCTTTAGGAAAGAGTACTCGTATATGGATGTGA
 ACTTTAAGGATGAACAAGAGCTGGAACCCACGTGTGAATTTGTGGAAGTACTACGGTCAATGTTTTT
 TAAGATGGACACTTCTCTGAAAACATTCAAACCAACCAAAAATCATATAGGTGCTGCTGTCTTCAGTTT
 CAAAATCTTCTTGATTATATCAACGAGGAAATGCTAACCATCAAACCCCTGCGTGGAGTTAATCAGCA
 TCTCACCTCATGCAGCGTATGGCAGTGACATTGACAGGCTCAAGGCAAAGGAGAAGGCTCTGCAGAAAAA
 ACAAGAGCGTCAGATGGCCAGACATTTTGGGATAATATCACATGATCAGAGCCCCACAACAACACTGATGAT
 GGTAAAGACTTTTGTACCGGATGCCCTGGAATTCAGAAAACATACTCTCAGAATTCATCACCCAGAGAG
 AAGCTGGTAACATTTTGAATACAGCTTCCCTTGTCTGCTTCCCATCTTGGCTTAACCTTACCTGTGA
 ACAGTCTGTGTACGGATCTCATTACACCGAGATGCGATGTTCAAGTACTTTGGTTTTGATGCTAGT
 GTGGATGGCAGATTCTTTGACCTATCCGTCTGGAACTAGCCATTATCCGATTGCCCAACAAGACAG
 ATGGTTTTATTTGTATAATCCAAGAAGACAGCCCAACCCCTACTATCCTGGCACTGTTTGACTCCTC
 CGGCAGAAGCTCCTGCTATCACCCCAATGAAAATGTCTGGGTATACATCAACATACTGGGAGGCCAGTAC
 TCAGATCAAGCCGCAACAGGATACGAACCTGGAACCTGGTCAAGTACCATGCCTTCTCATCTTTGTCT
 CATTTAAACCTGTCTTTCTGGCTTTGAACCGTTACATTGGAATTCGCATCCTAGAACAAGACAAGGTCTC
 CATTAAATTTCTAGCTATGGGCCAACAGGCAACAATCAGCCTTGGAAACAAAGTAATGCTCCATGATCCA
 GAGGAGGTTCCAGCCCTGTGGTTCTGAGTGGAGACGACCTTCTGCTGTTGGCCAACTTAATAAAGATCC
 GGCGATTGTTCAATAAGCTGGAAGGATGCATGAATTTCCCATAAAGTCAAGGCTTGGGAAAAGTTAAAGCA
 ACCTCCCTACCTTTCTCACTCTCTCTAAAACACTTGCCTCTGCCATAATTCTGGCATAACAGCAAAAA
 ACAATGGAACAATTATAGATCTAATAAAAAGAAGAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081262

Insert Size: 2142 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:	<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:	<u>NM_001081262.1, NP_001074731.1</u>
RefSeq Size:	2195 bp
RefSeq ORF:	2142 bp
Locus ID:	545527
UniProt ID:	<u>D3Z6S9</u>
Cytogenetics:	3 D