

## Product datasheet for **MC220486**

### Eri2 (NM\_027698) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Eri2 (NM_027698) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eri2
Synonyms:	4933424N09Rik; Exod1; mKIAA1504
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220486 representing NM\_027698  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGACCAAGAGACTGGCGCGCGGCTTGGATTAATTAGGAGAAAGTCAGTTACACCAGCAAGTGAA  
 ATCCAGGAGGGAGCAGATTGAAACAGTTGTATGCCTACTTAATTGTCGTTGACTTTGAGTCTACCTGCTG  
 GAATGATGGGAAGCACACAGTAGCCCTGAAATAATTGAATTTCCAGCAGTTTTGTTGAATACAGCAACT  
 GGAGAGATTGAATCTGAGTTTCATGCTTACGTTACGCTCAAGAACATCCAATCTTTCTGAATTTGCA  
 CAGAACTGACAGGGATAAAACAGGTTCAAGTCGATGAAGGAGTCCCCCTGAAGATTTGCTGTCCCAGTT  
 CTGTAATGGATCCATAAGCTGCAGCAGCAGCAGATCAGCTTTGCTGCTGGGATTGAGCCTTCT  
 ACTTCTGAAGTAAACTGTGTCTTTTGTACATGGTCAGACTGGGACTTGGCGTTTGCCTAGAGTATG  
 AGTGTAGAAGAAAGCAGCTGTTAAACCTGTGTTCTTAACTCTTGATTGATCTCAGAGCAACTTACAG  
 GCTTTTTTATAAAAGAAAACCCAAAGGACTGAGTGGTGCCTTGCCAGGAAGTGGGAATAGAATTTTCAGGA  
 CGAAGAACATTCTGGCTTAGATGATTCTCGGAACACTGCTCTTCTGCTTGAAAAATGATCAGGGATGGTT  
 GCTTAATGAAAATTACCAGGTCCTTGAACAAGTTCTCACTAAGAAGAATCCCAAGATTTTGCCAGAAA  
 TTTGGGTACAGATCAAGTTGAAGAAGCAGCTACTTGCAACATGAGTATCCAGGGCCCCAGCATATATCAA  
 AAGGAGCTCCAAAGTACAGTAAATGCAGAGGAAAATGCCAGATGAATTCAGTCTGTGTGAATTCCTCCT  
 GTATAAAGGGCCAATTGCAACCAAAAAGCAACATGAAAGCAGATCTTTACAATATCAGACATAGCTTTCC  
 TCTTTTCACTACCAAGTCGTCGACATCTGTGGACCAACTGCATTTCCACCTTGAATCCACCTCTCACT  
 ATGCAAAAGCCAAGTAAAAGTATCAGCTTGCAGTGAATGACAGCTCAAAGTCTCAACACTTAACTCCA  
 ACTTAGTGCTTGTATCTACAACCATCCGTCAGTTAATCATGTTTCTGATGTAGAATGGGTCATACTTT  
 TGACTGTTTACCGATGTTGGCTGAGTGGGAAGATGTAGTTTTACTGCCAGCATCTCAGGCTGAGCCAGAC  
 ACAGACTGTATGCCTCCTGTTAGTGACACAAATGTCAGTACTTCACTTAATTCTGCAGAGAGATCACTTG  
 TTCCAGAAGAACCAGAAACCTTAGTTATGAAAACCTTGAAGACCTTCAGGAAACTCCTCAAACTCTGA  
 GACATCTAAGTCTATTGTGTATAAGAGTCTCACAGTACAGTCTATGATGTAAAAGGAGCCAAACACCCA  
 GGTTCCGGATGCCTCTGCTTTAAGTTACCCAAATGCAAACCATTTCTTTTACCAGTGTTTATGCCAGTG  
 CAGCATATCCTTCAGTTCTGAGGAAAGATCCTCTCCTTTCAGGTGGCACTAAAAGGAATTCAGTTAGTCC  
 TCCAGCTTCCCCGAGAACCAAAAGGCAGACCTTCACTATTCATGAAGAAAAGCCTACATCATCTATTGTC  
 TCCCCAGGAACAACCTTGTAGAGTTTCTCCCTCTGACTAACATCTACAGTTAATCTACAGGAGCCTT  
 GGAAGACTGGAAGATGACACCGCCTCTATGCAAGTGTGGCAGAAGATCTAAGCGCTTATTGTTTCTAA  
 TAATGGGCCAAACCACGGGAAAGCCTTCTATTGTTGCCAGTTGGGAAATACCAACAAGCAGAAAATGC  
 TGTGGTTATTTTAAATGGGAACAAACACTTCAAAAAGAAAGGACCAATGGCAAAGCTCTGTCTATTCTCT  
 CAGAAGGGCTCACTTTCAGCTCTCCAGAAAACAGCCGATTTCAATGACAGAAATTTAAGTTTTCTATTAA  
 GAATCTTTACGACTCAGACCTCAATGAGACAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_027698  
**Insert Size:** 2067 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).

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<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>	<u>NM_027698.5, NP_081974.3</u>
<b>RefSeq Size:</b>	3569 bp
<b>RefSeq ORF:</b>	2067 bp
<b>Locus ID:</b>	71151
<b>UniProt ID:</b>	<u>Q5BKS4</u>
<b>Cytogenetics:</b>	7