

## Product datasheet for **MC211841**

### Ermn (NM\_029972) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ermn (NM\_029972) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ermn  
**Synonyms:** A330104H05Rik; AI854460; ermin; mKIAA1189  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211841 representing NM\_029972  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACAGATACTCCTGAGACACTGAGCGGGACAGAGTGAATGGGGACAGACCACCTGAGAATGGCCAAC  
AGCCTAGCAGTCAAACCAGGCAGGAGACAACCTGATGCAGATGAGACCCAGGCATACTACAAGTTGAACC  
CAGTCTTGAAGATTTACCTGCAAAAGAAAATCAAGAAGAACTGGAAACACTAAAGGGAACATACTCCT  
AAAGGGCCTGAAGATGAGAAGATCCTCAATGAAAACCCAGAAGAGAACCTCTTCGTTGTTACCAGGCCA  
TCAAAGATCTTTCTCCAAGAAATAAGTGCAGAAGACATGGCTTTCCGAGAAGGGCATCCGTGGAAGAA  
GATTCCTCCGAACAGCAGTAACCTGGAAGTGAGTAGACAGAAGGAAAGAAGTCCAGCAACAGCTTGAG  
CAGAGAGGAGATGCGAGTACAACCGAAATCGAATGGCTGGGGTCCAGAAATCTCGTCCAGTTGACATCT  
TGCATTCTAAGTGTGACGAGGAAGAAGAAGAAGAAGAAGTTGGAATGAAGAGATAAATGAGGAAGA  
TGTTGATGAGTGTGCTGAAGAGGAAGATGAAGTTCGAGTAATAGAATTAAGAGAAAACACAGAGAAGGT  
TCTCCATTAAGAGGAAAGCCTTGAAGGGAGGACTCCCCACTAGGCAGCCCTGGCTCCCAACCTGGGA  
CCCCAGATGAGCAGCCAGTGTTCGAAAAGAAGGGAGATATCGCCAGGAATTTATTCCAGATACAACAC  
GATATCCTATCGAAAAT AAGGAAAGGCAACACCAACAGAGAATTGATGAGTTGAGTCAATGATGCAC  
TTATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029972  
**Insert Size:** 846 bp



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<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_029972.3</a> , <a href="#">NP_084248.2</a>
<b>RefSeq Size:</b>	3550 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	77767
<b>UniProt ID:</b>	<a href="#">Q5EJ4</a>
<b>Cytogenetics:</b>	2
<b>Gene Summary:</b>	Plays a role in cytoskeletal rearrangements during the late wrapping and/or compaction phases of myelinogenesis as well as in maintenance and stability of myelin sheath in the adult. May play an important role in late-stage oligodendroglia maturation, myelin/Ranvier node formation during CNS development, and in the maintenance and plasticity of related structures in the mature CNS (By similarity).[UniProtKB/Swiss-Prot Function]