

## Product datasheet for **MC222489**

### Ermp1 (NM\_001081213) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ermp1 (NM_001081213) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ermp1
Synonyms:	D19Ertd410e; D19Wsu12e; Fxna; mKIAA1815
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222489 representing NM\_001081213  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTGGAGCTCGGAGTCAGCGGCTGTGCGGCGGCACCGCGGCACCGGGAGCGTCGGGAGGGAGAGG  
 CGGCCCGCTCGCACCGGCAGAGAGAGGCCCTCAGCGCAGGAGGATGCGAAGGGCGTCGGGAGGATGTGGG  
 GAAGACGGAGAACGGCGCGGGAGCCGGTTGCGAAGACCGCGCTGCCAGGCGCGCACGGCGCTGGCG  
 CTCGACTCTACCTGCTCGCGCTGCGGGCGCTCGTGCAGCTCTCGCTGCAGCGGCTGGTGTGAGCCGGA  
 CCTCGGGCTCCAGGGCAGTTCGACGCGGCCAAGCCAGGGATTATCTGGAACACATAACGGCCATTGG  
 CCCAGGACTACAGGAAGCACAGAAAATGAAATCTGACGGTACAGTACCTTTGGAGCAGATCAAGCTG  
 ATAGAAGCACAAAGCAACAGCCTTCACAGCATCTCCGTAGATATACAGCGGCCACCGGTTCTTTAGCA  
 TTGACTTCTGGGGGCTTCACGAGCTACTATGACAACATTACTAATGTCGTGGTAAAGCTGGAGCCCCG  
 GGATGGAGCCGAGTCTGCTATCCTGGCTAACTGCACTTTGACTCAGTGGCAAATTCACCGGTGCCAGT  
 GACGATGCAGTTAGCTGTGAGTGTGCTGAAGTTCTCCGGGTATGTCAGCGTCTCCAGAGCCATGC  
 AGCACGCTGTGGTGTTCCTTTAATGGCGCAGAGGAAAATGTCTTGCAAGCAAGCCATGGTTTTATTAC  
 TCAACATCCCTGGGCCAGTTTGATTCGAGCATTATTAACCTGGAGGCTGCTGGTGTGCGAGGAAAAGAA  
 CTTGTGTTCCAAACAGGCCCTGAAAATCCTTGGTTGGTCCAGGCTTACGTTTCGGCAGCTAAACACCCCT  
 TTGCCTCTGTGGTGGCTCAGGAGTTTTCCAGAGTGGGATCATTCCCTCTGACACCGACTTCAGAATCTA  
 CAGGGATTTGGGAACATTCCAGGAATAGACTTAGCTTTTATTGAAAATGGATACATCTATCACACCAAG  
 TATGACACAGCGGACAGGATTCATAGATTCCATTGAGAGCAGGTGACAACATTTAGCAGTTCTTA  
 AACACTGGCTACGTCTGACACCTGGCTCTTCGTCTGAGTACCGGCATGGGAGCATGGTGTTCCTCGA  
 TGTGCTCGGCCTGCTGGTCATTGCGTACCCTTCTCGTGTGCGGCTCCATAATCAACTACATGGTGGTCATG  
 GCCGTGGTTCTGTACCTGGGAAGAACTTCTGCGGCCAAGCACAGGAATGCTAATTACATGAGAGACT  
 TCTTGTGTGGACTCGGGATCACATTCATTAGCTGGTTCCTAGCCTTGTACCCTCCTATTATAGCAGT  
 GTTCATCTCTCATTGGACAGTCTCTCATGGTATAACTACTTTTATATTGCGGTTTGCCTGTATGGA  
 ACTGCAACAGTCGCCAAAATCATATTCATTACTCTTGCAAAAAGATTTTATTATAGAAATGCCAGCG  
 ACCTGTATCTGGGAGAACTGTTCTCGACACCTCCCTGTTGTCGACTGTGCTTTTCTGTTGCTTTAAC  
 TTATCAAGGGTTTGTCTGCATTCATGAGTGCCGTCTGGGTAGTTTTTCCATTGCTCACAAAGCTTTGT  
 GTGTACAAGGACTTCAAGAAGCACGGTGCCCAAGGAAGATTTGTGCTCTGTACCTTTTGGGATGTTTA  
 TCCCATATCTTTACGGGCTCTACCTCATCTGGGCTGTGTTTGAGATGTTCACTCCTATCCTGGGAAGAAG  
 CGGGTCCGAGATCCCCCGACGTTGTGCTGGCCTCCATCCTGGCTGTCTGTGTGATGATCCTCTCTTCC  
 TATTTTATTACCTTCATCTACCTTGTGAACAGCACAAAGAAAACCATTCTGACTCTAATACTGGTGTGCG  
 CGGTACCTTCTCCTTGTCTGCACTGGAGCCTTTTCCCATATAGTTCTAATCCCGAGAGTCCAAGGCC  
 AAAGAGAGTGTTCCTCAGCACGTGAGTAGAACTTTTCATAACTAGAAGGAAGCGTAGTAAAAAGAGAC  
 TCTGGAATATGGATCAATGGGTTTGATTACTGGAATGTCTCACGTAAACCTCACATTCCTGAGATCA  
 ACGACACAATCCGAGCTCACTGTGAGGAGGATGCCCCACTCTGTGGCTTCCCTTGGTATCTTCCAGTGA  
 CTTCTGATCAGGAAAACTGGTATCTTCCAGCTCCCGAGGTCTCTCAAGAAACCCTGCTCATTTCAGA  
 CTTGTGTCCAAAGAGAAAATGCCATGGGATTCGATAAAGTTGACCTTTGAAGCAACAGGACCAAGCCATA  
 TGTCTTTCTATGTTGAAACCCACAAAGGATCAACACTTTCCAGTGGTCTCTTGGCAACGCATCCAGT  
 CACAAGCAGAGGAGGAGACTACTTTGTGTTTTATTCCCATGGACTCCAGGCTTCTGCATGGCGGTTCTGG  
 ATAGAAGTGCAGGTCTCAGAAGAACAGGCAGAAGGAATGGTACTGTGGCCATTGCTGCCACTATCTAT  
 CAGGGGAGAACAAAAGATCCTCTCAGCTGGATGCTCTGAAGAAGAAGTCCAGACTGGTCTTCTCTTCC  
 GGCTGGGTTTCCACCTACAGTCTCTTTGTGTT**TAA**

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001081213

<b>Insert Size:</b>	2697 bp
<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>	<u><a href="#">NM_001081213.1</a></u> , <u><a href="#">NP_001074682.1</a></u>
<b>RefSeq Size:</b>	5394 bp
<b>RefSeq ORF:</b>	2697 bp
<b>Locus ID:</b>	226090
<b>UniProt ID:</b>	<u><a href="#">Q3UVK0</a></u>
<b>Cytogenetics:</b>	19 24.17 cM
<b>Gene Summary:</b>	Within the ovary, required for the organization of somatic cells and oocytes into discrete follicular structures.[UniProtKB/Swiss-Prot Function]