

Product datasheet for **RN212330**

Ermp1 (NM_184050) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ermp1 (NM_184050) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ermp1
Synonyms:	Fxna
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212330 representing NM_184050
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTGGAGCTCGGAGTCGGCGGCCGTGCGCGGCCACCGCGGCACCGGGAGCGCGGGAGGGTCAAG
 CGGCCCGCTCGCACCCGAGAGAGAGGCCCTCAGCGCAGGAGGATGCGAGGGCGCGGGAGGATGCGGGG
 GAGGACGGAGAGCGCGCGAGAGCCGGGTGCGAAGACCGCGCTGCCGAGCGCGCACGGCGCTGGCG
 CTCGACTCTACCTGCTCGCTCTGCGGGCGCTCGTGCAGCTGTCGCTGCAGCGGCTGGTGTGAGCCGGA
 CCTCGGGGCTCCAGGGCAGTTCGATGCGCGCCAGCCAGGGTTATCTGGAACACATAACGGCCATCGG
 CCCCAGGACTACAGGAAGCGCAGAAAATGAAATCCTGACGGTCCAGTACCTTTGGAGCAGATCACGCTG
 ATAGAAGAAGCAGAACAGCCTCCACAGAATCTCAGTAGATGTACAGCGGCTACCGGCTCCTTAGCA
 TTGACTTCTGGGGGCTTACGAGCTACTACGACAACATACTAATGTCGTGGTGAAGCTGGAGCCCCA
 AGATGGAGCCAAGTACGCTGCTCGCTAACTGCACTTTGACTCAGTGGCAAATCACAGGTGCCAGT
 GACGATGCCGTTAGCTGTGAGTGTGCTGAAGTCCCGGGTATGGCAGCCTCTCCAGAACCCCTGC
 AGCATGCTGTGGTGTTCCTTTAATGGTGCAGAGGAAAATGTCTTGCAAGCAAGCCATGGTTTTATTAC
 TCAACATCCCTGGGCCAGTTTGATTCGAGCATTATTAACCTGGAGGCTGCAGGTGTCGGAGGAAAAGAA
 CTTGTGTTCCAAACAGGCCCTGAAAATCCTTGGCTGGTTCAGGCCTATGTCTCAGCAGCTAAACCCCTT
 TTGCTTCTGTGGTGGCCAGGAGTTTTTCAGAGTGGGATCATTCTTCTGACACCGACTCCGAATCTA
 CAGGGATTTGGGAACATTCCAGGAATAGACTTAGCCTTATTGAAAATGGGTACATCTACACCAAG
 TATGACACAGCGGACAGAATTCTCATAGATTCCATTGAGAGCAGGTGACAACATTTAGCAGTTCTTA
 AATACCTAGCTACATCTGACATGCTGGCTTCTTCTCTGAGTACCGACATGGAAGCATGGTCTTCTCGA
 TGTGCTTGGCCTGCTGGTATTGCGTACCTTCTCGTGTGGCTCCATAATAAACTACATGGTGGTAAATG
 GCTGTTGTTCTGTACCTGGGAAGAAAATGCTGCGGCCAATCACAGTAATTCTAATTATGTGAGAGACT
 TCTTGTGCGGACTTGGCATCACTTTCATTAGCTGGTTCACCAGCCTTGTACAGTTCTCATTATAGCAGT
 GTTCGCTCCCTCATTGGACAGTCGCTCTCATGGTATAACTACTTTTATATCGCCGTTTGGCTGTATGGA
 ACTGCAACAGTCGCCAAAATAACTCATTACTACTCTTGCAAAAAGATTTTACTATGTGAACGCCAGCG
 ACCTGTATCTGGGAGAACTGTTCTTGGACCTCACTGTTTGTGCACTGTGGTTTTCTGTTGCTTTAAC
 TGCTCAGGGCTTCTGCTCTGCATTATGAGTGTCTGCTGGTGTGCTTTCCATTGCTCACAAAGCTTGT
 GTGTACAAGGACTCAAGAAGCAGCGTCCAAAGGAAGATTTATTGCTCTTACTTATTGGGATGTTCA
 TCCCGTATCTTTATGGACTATACCTCATCTGGGCTGTATTTGAGATGTTTACTCCTATCCTTGGAAAG
 CGGTTCCGAAATCCCTCCTGATGTTGTGCTAGCATCCATTTGGCTGTCTGTGTGATGATTCTCTCTCC
 TATTTTATTACCTTCTACCTTGTGAACAGCACAAAAGAAAACCATTCTGACTCTAATACTGGTGTGTG
 CAGTCACATTCCTCCTTGTGTGAGTGGGGCTTTTTCCCATACAGCTCCAATCCTGACAGTCCAAGCC
 GAAGAGAGTGTTCCTCAGCACGTGAGTGAACCTTTTATAAAGTGAAGGAAGCGTAGTAAAAAGAGAC
 TCTGGAATATGGATCAATGGTTTTGATTACTGGAATGTCTCATGTAAACCCGACATTCGGAGATCA
 ATGATACAATCCGAGCTCACTGTGAGGAGAAGCCCGCTCTGTGGCTCCCTTGGTATCTCCAGTGA
 CTTTCTCATCAGGAAAACTGGTATCTTCCAGCTCCAGAAAATTTCCCAAGAAAATCCTGCTATTTGAGA
 CTTGTATCCAAAGAGAAGATGCCTTGGGATTCAATAAAGTTGACCTTTGAAGCAACAGGACCAAGCCATA
 TGTCTTTCTATGTTGAAACCCACAAAGGATCAACGCTTCTCAGTGGTCTCTTGGCAACGCATTCCAGT
 CACAAGTCGAGGAGGGGACTACTTTGTGTTTTACTCCCATGGACTCCAGGCTTCTGCGTGGCAGTTCTGG
 ATAGAAGTGCAGGTCTCAGAGGAACAGCCAGAAGGAATGGTCACTGTGGCCATTGCTGCCACTATCTAT
 CAGGGGAAAACAAGATCATCTCAGCTGGATGCTCTGAAGGAGAAGTCCAGATTGGTCAATTCCTCC
 GGCGTGGGTTCCACCTATAGTCTTTGTGTT**TAA**

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_184050

Insert Size:	2697 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:	NM_184050.2 , NP_908939.2
RefSeq Size:	5095 bp
RefSeq ORF:	2697 bp
Locus ID:	373544
UniProt ID:	Q6UPR8
Cytogenetics:	1q52
Gene Summary:	Within the ovary, required for the organization of somatic cells and oocytes into discrete follicular structures.[UniProtKB/Swiss-Prot Function]