

## Product datasheet for **SC318377**

### Endoplasmic reticulum metalloproteinase 1 (ERMP1) (NM\_024896) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Endoplasmic reticulum metalloproteinase 1 (ERMP1) (NM_024896) Human Untagged Clone
Tag:	Tag Free
Symbol:	Endoplasmic reticulum metalloproteinase 1
Synonyms:	bA207C16.3; FXNA; KIAA1815
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_024896, the custom clone sequence may differ by one or more nucleotides

```

ATGGAGTGGGGTTCTGAGTCGGCTGCTGTGAGGCGGCACCGCGTCGGAGTAGAGCGTCGA
GAGGGAGCGGGCCGCGCCACCGCCGGAGAGGGAGGCCCGAGCGCAGGAGCCTCTGGTG
GATGGGTGCAGCGGCGGGGAGGACGCGGAAGAGGAGCCCCGGGGTAGCGGCGGCGG
AGCAGGGGCGGGGACCGGGCTGTCTGAGGTGCGCGCCGCGCTGGGGCTCGCGCTCTAC
CTGATCGCGCTGCGGACGCTGGTGCAGCTCTCGCTGCAGCAGCTGTGCTACGCGGGGCC
GCTGGACACCGGGGAGTTCGACGCGCTCCAAGCCAGGATTATCTTGAACACATAACC
TCCATTGGCCCCAGGACTACAGGAAGTCCAGAAAATGAAATTCTGACCGTGCACCTT
TTGGAACAGATTAAACTGATTGAAGTGCAAAGCAACAGCCTTCATAAGATTTAGTAGAT
GTACAACGGCCACAGGCTCTTTTAGCATTGATTTCTGGGAGGTTTTACAAGCTATTAT
GACAACATACCAATGTTGTGGTAAAGCTGGAACCCAGAGATGGAGCCAGCATGCTGTC
TTGGCTAATTGCTATTTGACTCAGTAGCAAACCTACCAGGTGCCAGTGATGATGACGTT
AGCTGCTCAGTGATGCTGGAAGTCTTCGCGTCTTGCAACATCTTCAGAAGCCTTGCA
CATGCTGCATATTTCTCTTAATGGTGTGAGGAAAATGTCTTGCAAGCCAGTCATGGT
TTCATTACTCAGCACCCCTGGGCTAGCTTGATTGTCGATTCATTAACCTAGAGGAGCA
GGTGTAGGAGGAAAGAAGTGTATTCCAACAGGTCCTGAAAATCCTGGTTGGTTCAA
GCTTATGTTTTAGCAGCTAAACACCCCTTTGCTTCTGTGGTGGCTCAGGAGGTTTTTCAG
AGTGGAATCATTCTTCAGATACTGACTTTTCGTATCTACAGGGATTTGGGAACATTCCA
GGAATAGACTTAGCTTTTATTGAGAATGGATACATTTATCACACCAAGTATGACACAGCG
GACAGAATTCTAACAGATTCCATTACAGAGAGCAGGTGACAACATTTTAGCAGTTCTTAAG
CATCTAGCTACATCTGATATGCTGGCTGCTGCTTCTAAGTATCGACATGGAACATGGTC
TTCTTTGATGTGCTGGGCTGTTTGTCTTGCCTACCCCTCTCGTATTGGCTCAATATA
AACTACATGGTGGTAATGGGTGTTGTTTTGTACCTGGGCAAAAAATTTTTGCAGCCCAA
CATAAGACTGGTAACATAAGAAGGACTTCTTGTGGACTTGGCATCACTTTGATCAGC
TGGTTCACTAGCCTTGTACCCTTCTCATTATAGCAGTGTTCATCTCTTATTGGACAG
TCTCTCATGGTATAACCACTTCTATGTCTCCGTTTGTCTGTATGGAAGTCAACTGTA
GCCAAAATAACTTATACTACTTTCGCAAAAGATTTTATTACATGAATGCCAGTGCC
CAGTATCTGGGAGAAGTATTTTTGACATTTGCTGTTTGTCCATTGCTGTTTTCTTGT
ACCCTCACTTACCAAGGACTTTGCTCGGCTTTATTAGTGTCTGCTGGTAGCATTCCCA
TTGCTCACAAAGCTCTGTGTGCATAAGGACTTCAAGCAGCATGGTGCCCAAGGAAAATTT
ATTGCTTTTTACCTTTTGGGGATGTTTATTCCTTATCTTTATGCATTGTACCTCATCTGG
GCAGTATTTGAGATGTTTACCCCTATCCTCGGGAGAAGTGGTTCTGAAATCCCACCTGAT
GTTGTGCTGGCATCCATTTGGCTGGCTGTACAATGATTCTCTCGTCTATTTTATTAAC
TTCATCTACCTTGCCAAGAGCACAAAAAACCATGCTAACTTTAACTTTGGTATGTGCA
ATTACATTCCTCCTTGTTCAGTGGAACATTTTTCCATATAGCTCCAATCCTGCTAAT
CCGAAGCCAAAGAGAGTGTTCCTCAGCATATGACTAGAACATCCATGACTTGGGAAGGA
AATGCAGTTAAACGGGACTCTGGAATATGGATCAATGGGTTTGATTATACTGGAATTTCT
CACATAACCCCTCACATTCCTGAGATCAATGATAGTATCCGAGCTCACTGTGAGGAGAAT
GCACCTCTTTGGTTTTCTTGGTATCTTCCAGTGCACCTTTCTGATCAGGAAAAACTGG
TATCTTCTGCCCCAGAAGTTTCTCCAAGAAATCCTCCTCATTTCCGACTCATATCCAAA
GAACAGACACCTTGGGATTCTATAAAATTGACTTTTGAAGCAACAGGACCAAGCCATATG
TCCTTCTATGTTTCGAGCCACAAAGGGTCAACACTTTCTCAGTGGTCTCTTGGCAATGGC
ACCCAGTCACAAGTAAAGGAGGAGACTACTTTGTCTTTTACTCCATGGACTCCAGGCC
TCTGCATGGCAGTTCTGGATAGAAGTGCAGGTTTCAGAAGAACATCCTGAAGGAATGGTC
ACCGTGGCCATTGCTGCCACTATCTGTCTGGGAAGACAAGAGATCCCCTCAACTGGAT
GCTCTGAAGGAAAAGTCCAGATTGGACATTTCCCTCTGCCTGGGTGTGCACCTACGAT
CTCTTTGTATTT

```

**Restriction Sites:** Please inquire  
**ACCN:** NM\_024896

<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_024896.2</a></u> , <u><a href="#">NP_079172.2</a></u>
<b>RefSeq Size:</b>	5355 bp
<b>RefSeq ORF:</b>	2715 bp
<b>Locus ID:</b>	79956
<b>UniProt ID:</b>	<u><a href="#">Q7Z2K6</a></u>
<b>Cytogenetics:</b>	9p24.1
<b>Protein Families:</b>	Protease, Transmembrane
<b>Gene Summary:</b>	Within the ovary, required for the organization of somatic cells and oocytes into discrete follicular structures.[UniProtKB/Swiss-Prot Function]