

## Product datasheet for RN203934

### Erp29 (NM\_053961) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Erp29 (NM_053961) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Erp29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203934 representing NM_053961 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGCCGCCGTTCTGGCGCCGTTTCGCTCTCCCACTGCTGTCCGTTCTCCTTGGCCTGCTGCTCC  
TCTCTGCTCCTCATGGCGCCAGCGGCCTGCACACGAAGGGCGCCCTTCCCTTGGACACAGTCACTTTCTA  
CAAGGTCAATCCCAAAAGCAAGTTCGTCTTGGTGAAGTTCGACACCCAGTACCCCTATGGAGAGAAGCAA  
GATGAGTTAAGCGTCTGGTGAGAAGCTCAGCCTCCAGCGATGATCTCTTGGTGGCAGAGGTGGGGATCT  
CAGACTATGGTGACAAGCTGAACATGGAGCTGAGTGAGAAGTACAAGCTGGACAAAGAGAGCTACCCAGT  
CTTCTACCTCTTCCGGGATGGGGACTTTGAGAATCCTGTCCCATACAGCGGGGCAGTTAAAGTTGGAGCC  
ATCCAGCGCTGGCTCAAGGGGCAGGAGTCTATCTGGGCATGCCTGGATGTCTGCCTGCGTACGATGCC  
TGGCGGGCCAGTTCATCGAGGCCTCCAGCAGAGAGGCCCGCCAGGCCATCCTGAAACAGGGGCAGGATGG  
CCTCTCAGGTGTGAAGGAGACAGACAAGAAGTGGGCCAGTCAGTACCTGAAGATCATGGGAAGATCTTG  
GACCAAGGTGAAGACTTCCCGCCTCCGAGCTGGCCGGATCAGTAAGCTCATTGAGAACAAGATGAGTG  
AGGTAAGAAGGAAGAGCTGCAGAGGAGCCTCAACATCCTACCAGCTTCCGCAAGAAAGGCCGAGAA  
GGAGGAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053961
Insert Size:	783 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_053961.2</a> , <a href="#">NP_446413.1</a>
<b>RefSeq Size:</b>	1117 bp
<b>RefSeq ORF:</b>	783 bp
<b>Locus ID:</b>	117030
<b>UniProt ID:</b>	<a href="#">P52555</a>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	may play a role in folding or secretion of thyroglobulin [RGD, Feb 2006]