

Product datasheet for **RN216725**

Ero1b (NM_001191893) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ero1b (NM_001191893) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ero1b
Synonyms:	Ero1lb; RGD1563548
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216725 representing NM_001191893
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCCGGGTTTCTCCGGCCGTTGCTGGCAGGGGCGGCCGCGGTGCAACTGCTTGTACCC
 TTGGCTTCCTCTCAAGTCTCGTCAAGACCCAGGTGACTGGAGTTCTGGATGATTGCTTATGTGACATTGA
 CAGCATTGATAACTTCAACACCTACAAAATCTTCCAAAATAAAAAAGTTACAAGAACGAGACTATTTT
 CGTTATTACAAGGTTAATCTGAAACGACCATGTCTTTCTGGGCAGAAGATGGCCACTGCTCAATAAAAG
 ACTGTCATGTGGAGCCCTGTCCAGAAAGTAAAATCCCCTTGGAAATTAAGCTGGGCGTTCAAATAAGTA
 CTCACAAGCAGCAAAACACCAAGAAGTGGACGACTGTGAGCAGGCTAACAAGCTGGGCGCCATCAAC
 AGCACCCCTAAGTAACGAAAGCAAAGAAGCATTCTGACTGGCAAGATATGATGATTACAGGATCACT
 TTTGTGAACCTTGATGATGAGCGATCTCCTGCTGCACAGTATGTGGACCTGCTGTAACCCGGAACGGTA
 CACTGGCTACAAGGGCTCCTCAGCGTGGAGGGTGTGGAACAGCATTTATGAAGAAAAGTCTTCAAGCCT
 CGATCTGTTTATCGCCCTTTGAATCCTCTGGCGCCAGCAGAGGGGAAGATAATGGAGAATCATTCTATA
 CGTGGCTAGAAGGTTTGTGCTTGTGAGAAAAGAGTCTTCTATAAGCTTATATCAGGACTTCATGCCAGCAT
 CAATTTACATCTGTGTGCAAATATCTTCTGGAAGAACTGGGGTAAACCTAGTTGGGGACCTAACATC
 AAAGAATTTAAACGCCGCTTTGACACTGTGAAACAAAGGGGGAAGTCCAAGAAGGCTAAAGAATCTAT
 ACTTTTATACTTGATAGAGCTTCGTGCTTTGTCAAAGGTGGCCCTTATTTTGAGCGCTCAATTGTTGA
 TCTTTACACTGGCAACCTAGAAGATGATGCTGACACCAAGACCCCTTCTGCTCAGCATCTTTCAGGATACA
 AAGTCCCTTCTATGCACCTCGATGAAAAATCCATGTTTGCAGGTGACAAAAAGGGGCAAGTCAATTA
 AGAAAGACTTTACCAAATTTATGGGAGAAGTTTACTAACTGCTGGATACTCAGGAGTAAGGACAG
 TTTTACTCAGGGTTTAGGAAGTCTTTGAAGATACTATTCTGAAAAAGAAATCCAAAAGTTCGGGAG
 AACAGTCCATCTAAAGGCTTCCAGCTCACTCGGCAGGAAATAGTTGCTCTTTTAAATGCTTTTGGAAAGC
 TTTCTACAAGCATAAGAGAATTACAGAAGTCTTAAAGCATTGTTGCAGCACAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191893
- Insert Size:** 1389 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001191893.1](#), [NP_001178822.1](#)

RefSeq Size: 1389 bp

RefSeq ORF: 1389 bp

Locus ID: 364755

Cytogenetics: 17q12.3