

Product datasheet for **RN216897**

Erf (NM_001170335) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Erf (NM_001170335) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Erf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216897 representing NM_001170335
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGACCCAGCGGACACAGGGTTTGCCTTCCAGATTGGCCCTACAAGCCGGAGTCATCCCCTGGCT
 CGAGGCAGATCCAGCTGTGGCACTTTATCTTGGAGCTGCTTCGGAAAGAGGAGTACCAGGGCGTCATCGC
 CTGGCAGGGAGACTACGGGGAATTTGTCATCAAGGACCCTGATGAGGTGGCCGACTCTGGGGGTCGCG
 AAGTGCAAACCCAGATGAACTACGACAAGCTGAGCCGGGCCCTGCGCTATTACTATAACAAGCGCATT
 TGCACAAGACCAAGGGGAAACGGTTACCTACAAGTTCAACTCAACAACTGGTGTGGTTAATTACCC
 TTTTCATCGATGTGGGGCTGGCCGGGGCGCTGTCCCCAGAGTGCCCTCCAGTCCATCGGGCGGCAGC
 CATTTCGCTTCCCTCCTCGACGCCCTCGAGGTGTGTCCCCACCGAGGATCCCCGCTCTCCACCAG
 CTTGTTCTTCATCGTCTTCTCTCTTCTCCGCTGTGGTTGCTCGACGCCTGGGCCGAGGCTCTGTGAG
 CGACTGCAGTGTGGCACCTCAGAGCTGGAGGAGCCTCTGGGGGAGGACCCAGGGCAGCACCACCTGGC
 CCTCCGGAGCTGGGTGCCTTCGAGGGGCCCGCTGGCCCGCCTCCACATGATCCTGGTGTCTTCCGTTG
 TCTATCCTCGGCCCTGGGGTGGTCTGAACCCCTAAGTCCCTTCCCTGTGTACCTTTGGCTGGGCCCTGG
 CTCCCTTCTACCCCTCAACTCTCCCCAGCTCTGCCATGACTCCCACCCACCTGGCCTACACACCTCA
 CCCACGCTGAGTCTATGTACCCAGTGGTGGCGGGGCCCTAGTGGCTCAGGGGGGGTCCCCTTCT
 CCTTCAGTCCGGAGGACATGAAACGGTACCTGCAGGCCACACCCAAAGCGTCTACAACCTACCACCTCAG
 TCCCCGCGCTTCTGCACTATCCAGGGCTGGTGGTGGCCAGCCTCAGCGCCCTGACAAGTGCCCACTG
 CCGCCCATGGCACCGGAGACCCCGCGGTTCCCTCCTCAGCCTCGTCTTCTTCTTCTTCTTCTTCTTCTT
 CGTTCAAGTTTAAAGCTGCAGCCACCCCGCTAGGACCCGGCAGCGGGCAGCTGGAGAGAAGGCTCCAGG
 GGGCACTGACAAGAGCAGTGTGGTGTGGTCTGGTGGCTGGCCGAGGGGGCAGGCGCATTAGCCCCC
 CCACCGCCACCACCCAGATTAAGGTGGAACCCATCTCAGAGGGCGAGTCGGAGGAGGTGGAGGTGA
 CTGACATCAGTGACGAAGATGAGGAAGATGGGGAGGTGTTCAAGACCCCGTGGCCACCCGCTCCCCC
 CAAGCCAGAGCCTGGAGAGGCACCGGGCAGCCAGTGCATGCCTTTAAACTGCGCTTTAAAAGGCGC
 TGGAGTGAAGACTGTGCGCTGGAGGGGGCGGGTGCCTCTCTGGGGCCCTGAGGATGAGGGTGAAGACA
 AGAAGGTGCGTGGGGACATGGGCCCTGGGGAGCCTGGGGACCCCTCACTCCTCGCGAGTGAGCTCTGA
 TCTCCAGCACGCTACAGCCAGCTCTCCCTGGAGCACCGAGATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170335

Insert Size: 1659 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_001170335.1](#), [NP_001163806.1](#)

RefSeq Size: 3711 bp

RefSeq ORF: 1659 bp

Locus ID: 292721

Cytogenetics: 1q21