

## Product datasheet for **RN205614**

### Edrf1 (NM\_001107557) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Edrf1 (NM\_001107557) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Edrf1  
**Synonyms:** RGD1306820  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN205614 representing NM\_001107557  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGGGACCCCAAGGAAGCAGGAGCCGAGGCTTCTCCATCAGGGCGGCCGCCGAGGAGGGCTCA  
GCCTCCTATCCCAGACGGAATCCGAGGAGCCTTCTGCACAGGGGTGAGCCTTATTTCTTGGAGGCAATGA  
AGTGAAAAGCCGAGCTGTGGTAAATACTTCTGCCCTCCTCGAACAGCATTTCACGCTCGAAGAA  
AAAACAGACTTAAAACCTCCACCTGCCAACTGGTACGAGAGAGTGCCAACTAGGGCCGCGAGAACTA  
CCATTCTTGGCAATAGTAAGAAAAGCAAGCCGTTTTTCGAGTTTCGGCATGGCATATGACTTCATTGACTC  
GGTGGGAAATGATGTGGATGTTGTCTGACTCGGAAAACATAAAAAAGCTCCTGAAGATCCCTACAGC  
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TCAGAAGTGGCAGAGGAAAAAGAAAAGCAAGGAGCACTGGTATCAGAAGGCTATTCTTTCCAAGTCTTG  
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GACTCCCCTTTAAATGAGAATTCAGATGAAAGCTACAGTGAGGAGGAGGAGGAGGAGATGGCGGACA  
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 ATCTGTTGGAGAAGTGTACAGTACCAGAAAAATACAAGTCAATTCATCAGATCAGACCCAGTTGTGCATTT  
 CCCGTTTGCCATGACACGGGAAGAGCGCTGTGACTCGTACTAAGCTATGTGTTGGAGGGTTTAAATCTG  
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 TGAAGATGAATCCACAAGGGGTGGTCTGAGGGGCTGGAGAAGCAGATGGCCTTGTCTGGACAAAATG  
 GGCTCCCCTCAGAAAGGCAATTGTTCTGGGCAGTCTGGAATGACCCTGGTTCTTGGCAACATAAAATGA  
 AACTTCAGCTAATTCTCAAGTCATCAAAAGCCTACTACATTTTGTGAGATGCTGCCATGAGTCTTCAGAA  
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 TGGCCCAAGCAAAACAACAGAGCAGCACACCTTGAGGAATTTAATTACCAACAAAAGAAGACCAGGA  
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 TTAGAAAGTCAACTTTCAGTTAGTTGTAATGTTATGAGGCTGCTAATGAAATCTTGCAATTTAGTGACT  
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 TGTATTCTACATGAATCAGGCTGTGCGCTGCAGGGTGAGCGAGTGTGAGCAAACTGTGTCTGCTGCA  
 GAGCAACAATTGTGGAAAAAAGCTTTTCTGTTTTGAAAAGGGGATTCACAACCTTTGAGTCGATTGATG  
 ATGCTACAAAATGCTGCCCTCTGCTGTGCAACACAGGAAGACTCATGCGGGTCTGTGCACAGGCGCACTG  
 TGGTGCAGAGGATGAGTTCAAACGGGAGTTCTCCCAGAAAGGGCTTGTATTACAGCAAGGCCGTTGAT  
 TACTATTTGAAGGCTCTGAGGTCGCTGGGAACGAGAGACATGCACCCAGTTGTTTGGGATTCTGTGAACT  
 GGGAAATGTCGACTACATACTTCACCATGGCGACTCTACAGCAAGATTATGCTCCATTATCCAGAAAAGC  
 TCAGGAGCAGATTGAGAAAGAAGTCAGTGAGGCTATGATGAAGTCCCTGAAGCACTGCGATGTTGACTCA  
 GCAACTGCTCGGCAGCCCCTCTGTCAGTACCGGCTGCAACCATCCATCACAGGCTGGCTCCATGTACC  
 ACAGCTGTCTGAGGAACCAGGTTGGTGATGAGCATCTTAGGAAGCAGACCCGAGTGTGGCAGATCTCCA  
 CTACAGCAAAGCTGCAAAGCTCTTCAACTTCTCAAAGATGCTCCTTGTGAAGTCTTAGAGTGCAGTTA  
 GAAAGGGTGGCATTGTCAGAATTCAGATGAGCAGTCAAGATAGCAATGTTGAAAGTAAAAACATTAT  
 CTGGGGCACTTGATATCATGGTGAAGACTGAGCATGCTTTCCAGCTCATTGGAAGGAGCTGTAGAGGA  
 ATGTGACCAGCCTAAGAATGATGAAGCTACACCGGCTGCTGATTCTTACCTAATCTTAATCGAGAAGAA  
 GTGATCAAACCTTAGTATATTTGAATCTCGCCTGTCTTCTTCTCAATCCATCAAACCTGATGT  
 CATCATCTAAAAGGAAAAAGAGCAGTAAACCGGAAGATGATGCAGCCCTCCAGACCAACAAGCAGATTTA  
 CTCCCAGCTTTTGTAGAGCAACTGCCAACAGAACTCCACTCTGTTGGAGAGAATTGAAGTTGCATCTGT  
 CTGCTGGAGCAGCTTGCATCTGGTAGCAGTGGATCGAGTGGCAGTGTCTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107557
- Insert Size:** 3627 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:**

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\\_001107557.1](#), [NP\\_001101027.1](#)

**RefSeq Size:** 5203 bp

**RefSeq ORF:** 3627 bp

**Locus ID:** 309069

**Cytogenetics:** 1q41