

## Product datasheet for **RR216697**

### Edar (NM\_001191899) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Edar (NM_001191899) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Edar
Synonyms:	RGD1561714
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR216697 representing NM\_001191899  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCCACGTCGGGACTGCAAGTGGATGTCCTGGCTCCAGTCTGGTGGTGTCTCTGATGTGCTCAG  
 CCAAGGCAGAGGACTCCAACGTGGCGAGAATGAATACCAACCAAACTACCGGCTGTGCCAGCAGTG  
 TCCTCCATGCAGACCAGGGGAGGAGCCCTACATGTCCTGTGGTTACGGCACCAAAGATGAGGACTATGGC  
 TGGCTGCCCTGCCCTGCAGAGAAGTTCTCAAAGGAGGTTATCAGATATGCAGGGCCACAAAGGACTGTG  
 AGGGCTTCTTCCGGGCCACCGTACTGACACCAGGAGACATGGAAAATGATGCTGAGTGTGGCCCGTGTCT  
 GCCTGGCTACTACATGCTGAAAACAGACCCAGGAACATCTACGGCATGGTCTGCTACTCCTGCCTCTTG  
 GCACCTCCAACACCAAGGAATGTGTGGAGCCACTTCCGGGTTTCAGCTCACTCCTCCAGCACTTCAG  
 GCGGCAGCACCTGTCCCTTCCAGCATGCTCACAAGAGCTCTCAAGTCAAGGACACCTGGCCACCGC  
 CCTGATTATTGCCATGTCTACAATCTTCATCATGGCCATAGCCATTGTCCTCATCATGTTCTATATC  
 ATGAAGACTAAGCCTTACGCTCCAGCCTGCTGTAGCAGTCCCCAGGAAAAGTGCAGAAGCCCCAGCTA  
 ACACACATGAGGAGAAAAAGAGGCCCCAGACAGTGTGGTGAATTTCCCTGAGAAATGGTGAATTCAGAA  
 GTTGACAGCAACCCACAAAGACCCCAAAAAGTGAAGACGATGCCTCCTCTGAGAATGAGCAGCTGCTG  
 AGTCGAGTGTGGACAGTGTGAAGAGCCAGCCCGGACAAGCAGGGGTCCCAGAGCTATGCCTGCTGT  
 CGCTAGTTCATCTGGCCAGGGAGAAGTCTGTAGCCAGTAACAAGTCTGCTGGGATCCAAAGCCGAAGGAA  
 AAAGATATTGGATGTGTATGCGAACGTGTGTGGTGTGTTGAAGGTCTCAGCCCCAGGAGCTGCCTTTT  
 GATTGCCTTAAAAGACAAGCAGAATGCTCAGTCTACCTACAACCTCTGAGAAAGCAGTCGTGAAAACGT  
 GGCCGACCTTGGCTGAGAGCTTTGGACTGAAGAGGGATGAGATTGGGGCATGACTGATGGCATGCAGCT  
 CTTTGACCGCATCAGCACTGCGGGCTACAGCATCCCAGAGCTGCTCACGAAGCTGGTACAGATCGAGAGG  
 CTGGATGCTGTGGAGTCTTGTGTGCAGACATATTGGAGTGGCTGGGGTGTACCCCTGCCTCCCCAC  
 CCCAGCTGCATCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216697 representing NM\_001191899  
 Red=Cloning site Green=Tags(s)

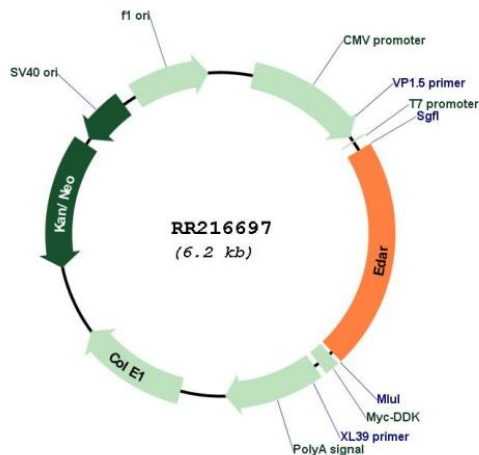
MAHVGDCCKWMSWLPVLVVSLMCSAKAEDSNCGENEYHNQTTGLCQQCPPCRPGEEPYMSCGYGTDKEDYG  
 CVPCPAEKFSGGGYQICRRHKDCEGFFRATVLTGDMENDAECGPCLPGYYMLENRPRIYGMVCYSCLL  
 APPNTEKCVGATSGVSAHSSSTSGGSTLSPFQHAHKELSSQGH LATALIAMSTIFIMAIIVLIIMFYI  
 MKTKPSAPACSSPPGKSAEAPANTHEEKKEAPDSVVTFPENGEFQKL TATPTKTPKSENDASSENEQLL  
 SRSVDSDEEPAPDKQGSPELCLLSLVHLAREKSVASNKSAGIQSRRKKILDVYANVCGVVEGLSPELTPF  
 DCLEKTSRMLSSTYNSEKAVVKTRWHLAESFGLKRDEIGGMTDGMQLFDRI STAGYSIPELLTKLVQIER  
 LDAVESLCADILEWAGVPPASPPPAAS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001191899

**ORF Size:** 1344 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001191899.1](#), [NP\\_001178828.1](#)

**RefSeq Size:** 1347 bp

**RefSeq ORF:** 1347 bp

**Locus ID:** 365581

**Cytogenetics:** 20q11

**MW:** 48.4 kDa