

## Product datasheet for **MG207149**

### Edar (BC068315) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Edar (BC068315) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Edar
Synonyms:	ED3, ED5, ED1R, EDA3, EDA-A1R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207149 representing BC068315  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCACGTCGGGACTGCAATGGATGTCCTGGCTCCAGTCTGGTGGTGTCTCTGATGTGCTCAG  
 CCAAGGCGGAGGACTCCAACGTGGTGAGAACGAATACCAACACAGACTACCGGCTGTGCCAGCAGTG  
 TCCTCCATGCAGACCAGGGGAGGAGCCCTACATGTCCTGTGGATACGGCACTAAAGACGACGACTATGGC  
 TGTGTGCCCTGCCCTGCAGAGAAGTTCTCAAAGGAGGTTATCAGATATGCAGGGCCACAAAGACTGTG  
 AGGGCTTCTTCCGGGCCACTGTGCTGACACCAGGAGACATGAAAAACGACGCTGAGTGTGGCCATGTCT  
 CCCTGGCTACTACATGCTGAAAAACAGACCCAGGAACATCTATGGCATGGTCTGCTACTCCTGTCTCTTG  
 GCACCTCCCAACACCAAGGAATGTGTGGGAGCCACTTCTGGGTTTCAGCACACTCATCCAGCACTCCG  
 GTGGCAGCACCTGTCTCCCTCCAGCATGCTCACAAGAGCTCTCAGGCCAAGGACACCTGGCCACCGC  
 CCTGATTATTGCCATGTCTACGATCTTCATCATGGCCATTGCCATCGTCTCATCATGTTCTACATC  
 ATGAAGACTAAGCCGTACGCTCCAGCCTGCTGTAGCAGTCCCCAGGAAAGAGCGCAGAAGCCCCAGCTA  
 ACACACACGAGGAGAAAAAGAGACCCAGACAGTGTGGTGACGTTCCCTGAGAAATGGTGTGAGTCCAGAA  
 GCTGACAGCAACCCACAAAGACCCCCAAAAGTGAGAATGATGCCTCCTCTGAGAACGAGCAGTTGCTA  
 AGTCGACGTGTGGACAGTGTGAAGAGCCAGCCCCGGACAAGCAGGGGTCCCCAGAGCTATGTCTGCTGT  
 CGTAGTTCACCTGGCCAGGGAGAAGTCTGTGACCAGTAAACAGTCTGCTGGGATCCAGAGCCGGAGGAA  
 AAAGATACTGGATGTGTATGCCAACGTGTGCGGTGTTGTTGAAGGTCTCAGCCCCACCGAGTTGCCGTTT  
 GACTGCCCTTGAGAAGACAAGCCGAATGCTCAGCTCTACATACTGAGAAGGCGGTCGTGAAAAACAT  
 GCGCCACCTTGCCGAGAGCTTTGGGCTGAAGAGGGATGAGATTGGGGGCATGACTGATGGCATGCAGCT  
 CTTTGACCGCATCAGCACCGCGGCTACAGCATCCAGAGCTGCTCACAAGTTGGTGCAGATCGAGCGG  
 CTGGATGCTGTGAGTCTTGTGTGCAGACATATTGGAGTGGGCTGGGTTGTACCACCTGCCTCCCCAC  
 CCCCAGCTGCGTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207149 representing BC068315  
 Red=Cloning site Green=Tags(s)

MAHVGDCKWMSWLPVLVVSMLMCSAKAEDSNCGENEYHNQTTGLCQQCPPCRPGEEPYMSCGYGTKDDDYG  
 CVPCPAEKFSGGGYQICRRHKDCEGFFRATVLPDGMENDAECGPCLPGYYMLENRRNIYGMVCYSCLL  
 APPNTEKCVGATSGVSAHSSSTSGGSTLSPFQHAHKELSGQHLATALIAMSTIFIMAIIVLIIMFYI  
 MKTKPSAPACSSPPGKSAEAPANTHEEKETPDSVVTFPENGEFQKL TATPTKTPKSENDASSENEQLL  
 SRSVDSDEEPAPDKQGSPELCLLSLVHLAREKSVTSNKSAGIQSRRKKILDVYANVCGVVEGLSPELPE  
 DCLEKTSRMLSSTYNSEKAVVKTWRHLAESFGLKRDEIGGMTDGMQLFDRISTAGYSIPELLTKLVQIER  
 LDAVESLCADILEWAGVPPASPPPAAS

**TR**TRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI



<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>	<u><a href="#">BC068315</a></u> , <u><a href="#">AAH68315</a></u>
<b>RefSeq Size:</b>	3665 bp
<b>RefSeq ORF:</b>	1346 bp
<b>Locus ID:</b>	13608
<b>Cytogenetics:</b>	10 29.37 cM
<b>Gene Summary:</b>	Receptor for EDA isoform TAA, but not for EDA isoform TA-2 (By similarity). May mediate the activation of NF-kappa-B and JNK. May promote caspase-independent cell death. [UniProtKB/Swiss-Prot Function]