

Product datasheet for **MR207149**

Edar (NM_010100) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edar (NM_010100) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Edar
Synonyms:	dl; ED1R; ED3; ED5; EDA-A1R; EDA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207149 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCACGTCGGGACTGCAAAATGGATGTCCTGGCTCCAGTCTGGTGGTGTCTCTGATGTGCTCAG
 CCAAGGCGGAGGACTCCAACGTGGTGAGAACGAATACCAACAGACTACCGGCTGTGCCAGCAGTG
 TCCTCCATGCAGACCAGGGGAGGAGCCCTACATGTCCTGTGGATACGGCACTAAAGACGACGACTATGGC
 TGTGTGCCCTGCCCTGCAGAGAAGTTCTCAAAGGAGGTTATCAGATATGCAGGCGCCACAAAGACTGTG
 AGGGCTTCTTCCGGGCCACTGTGCTGACACCAGGAGACATGGAACACGACGCTGAGTGTGGCCATGTCT
 CCCTGGCTACTACATGCTGAAAACAGACCCAGGAACATCTATGGCATGGTCTGCTACTCCTGTCTCTTG
 GCACCTCCCAACACCAAGGAATGTGTGGGAGCCACTTCTGGGTTTCAGCACACTCATCCAGCACTCCG
 GTGGCAGCACCTGTCTCCCTCCAGCATGCTCACAAGAGCTCTCAGGCCAAGGACACCTGGCCACCGC
 CCTGATTATTGCCATGTCTACGATCTTCATCATGGCCATTGCCATCGTCCCTCATCATCATGTTCTACATC
 ATGAAGACTAAGCCGTACGCTCCAGCCTGCTGTAGCAGTCCCCAGGAAAGAGCGCAGAAGCCCCAGCTA
 ACACACACGAGGAGAAAAAGAGACCCAGACAGTGTGGTGACGTTCCCTGAGAAATGGTGTGAGTCCAGAA
 GCTGACAGCAACCCACAAAGACCCCCAAAAGTGAGAATGATGCCTCCTCTGAGAACGAGCAGTTGCTA
 AGTCGAGTGTGGACAGTGTGAAGAGCCAGCCCCGGACAAGCAGGGGTCCCCAGAGCTATGTCTGCTGT
 CGCTAGTTCACCTGGCCAGGAGAAGTCTGTGACCAGTAACAAGTCTGCTGGGATCCAGAGCCGGAGGAA
 AAAGATACTGGATGTGTATGCCAACGTGTGCGGTGTTGTTGAAGGTCTCAGCCCCACCGAGTTGCCGTTT
 GACTGCCTTGAGAAGACAAGCCGAATGCTCAGCTCTACATACTGAGAAGGCGGTGTAAGAACAT
 GGCCGCCCTTGCCGAGAGCTTTGGGCTGAAGAGGGATGAGATTGGGGGCATGACTGTGCGATCGAGCT
 CTTTGACCGCATCAGACCCGGGCTACAGCATCCAGAGCTGCTCACAAGTTGGTGCAGATCGAGCGG
 CTGGATGCTGTGAGTCTTGTGTGCAGACATATTGGAGTGGGCTGGGTTGTACCACCTGCCTCCCCAC
 CCCCAGCTGCGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207149 protein sequence
 Red=Cloning site Green=Tags(s)

MAHVGDKWMSWLPVLVVSMLCSAKAEDSNCGENEYHNQTTGLCQQCPPCRPGEEPYMSCGYGTKDDDDYG
 CVPCPAEKFSGGGYQICRRHKDCEGFFRATVLTGPGDMENDAECGPCLPGYYMLNRPRIYGMVCYSLL
 APPNTKECVGATSGVSAHSSTSGGSTLSPFQHAHKELSGQHLATALIAMSTIFIMAIIVLIIMFYI
 MKTKPSAPACSSPPGKSAEAPANTHEEKETPDSVVTFPENGEFQKLTATPTKPKSENDASSENEQLL
 SRSVDSDEEPAPDKQGSPELCLLSLVHLAREKSVTSNKSAGIQSRRKILDVYANVCGVVEGLSPELPL
 DCLEKTSRMLSSTYNSEKAVVKTWRHLAESFGLKRDEIGGMTDGMQLFDRISTAGYSIPPELLTKLVQIER
 LDAVESLCAIDLEWAGVPPASPPPAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_010100

ORF Size: 1347 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_010100.1](#), [NM_010100.2](#), [NM_010100.3](#), [NP_034230.1](#)

RefSeq Size: 3697 bp

RefSeq ORF: 1347 bp

Locus ID: 13608

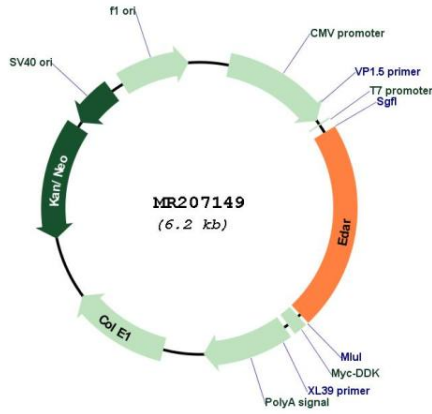
UniProt ID: [Q9R187](#)

Cytogenetics: 10 29.37 cM

MW: 48.5 kDa

Gene Summary: 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]

Product images:



Circular map for MR207149