

## Product datasheet for MR222258

### Eda2r (NM\_001161432) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Eda2r (NM_001161432) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Eda2r
Synonyms:	9430060M22Rik; TNFRSF27; Xedar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222258 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATTGTCAAGAGAATGAGTACCGGGACCAATGGGGCGCTGTGTACCTGCCAACAAATGTGGCCCTG  
GACAGGAGCTCTCGAAGGATTGTGGTTATGGAGAAGGTGGAGATGCACACTGCATAGTCTGCCCTCCCCG  
AAAGTATAAAAGCACTTGGGGACATCACAGATGTCAGACATGCATCACTTGTGCTGTCATCAATCGGGTC  
CAGAAGGCCAACTGCACAAATACCTCTAATGCTATCTGTGGAGACTGTCTGCCAGGTTCTACCGAAAGA  
CACGCATTGGGGCCTGCAGGACCAAGAATGCATCCCATGTACAAAGCAGACTCCTTCTCCGAGGTTCA  
GTGTACCTTCCAGTTGAGCTTAGTGAAGGTAGATGCACACTGTTCCCCCTAGGGAAGCCACACTTGT  
GCACTGGTGGGAAGTCTGCTAGTGGTATTTGCTCTGGCCTTCTTGGACTCTTCTCCTTTATTGCAAGC  
AGATCTTCAACAGACATTGTCAATGCAGAGATTCGTTGCAATATGAGGCTGAAAAGACAGTGGAGGAGGA  
TTCTCTTTTCCCCGTACCACCTGGCCAGGAGACCAGTCTGAATTTCCAGCTAATGAGGGCATCTTGGAG  
ATCAAACCACTTAACTCCATCCTGGATGATGACTGCAGCTCCACTCGCGGCTTCCCCACCCAGGAGTCTT  
TTACCATGGCCTCCTGTGCCTCAGAGAGCCATTCTCAATGGGTCCATACCCCAATTGAATGTACAGAGCT  
GGACCTGCAAAAGTTTTCCAGCTCTATCCCCTCTACTGGACCTGAAACCTTGAGAGAGAACACAGCTGAA  
CACTCAGGAGACAGGCTGGAGCTCTATGTACCTTTGAAGTCCAGCCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR222258 protein sequence  
Red=Cloning site Green=Tags(s)

MDCQENEYRDQWGRVTCQQCGPGQELSKDCGYEGGDAHCIVCPPRKYKSTWGHHCQTTCITCAVINRV  
 QKANCTNTSNAICGDCLPRFYRKTRIGGLDQECIPCTKQTPSSEVQCTFQLSLVKVDAHTVPPREATLV  
 ALVGSLLVVFALAFGLFLYCKQIFNRHCQCRDSLQYEAektVEEDSLFPVPPGQETSPEFPANEGILE  
 IKPLNSILDDDCSSTRGFPTQESFTMASCASESHSQWVHTPIECTELDLQKFSSSIPSTGPETLRENTAE  
 HSGDRLELYVPFEVPSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001161432

**ORF Size:** 894 bp

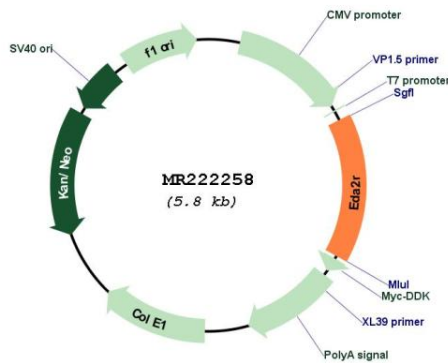
**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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.

<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>NM_001161432.1, NP_001154904.1</u>
<b>RefSeq Size:</b>	4798 bp
<b>RefSeq ORF:</b>	894 bp
<b>Locus ID:</b>	245527
<b>UniProt ID:</b>	<u>Q8BX35</u>
<b>Cytogenetics:</b>	X C3
<b>MW:</b>	33.1 kDa
<b>Gene Summary:</b>	Receptor for EDA isoform A2, but not for EDA isoform A1. Mediates the activation of the NF-kappa-B and JNK pathways. Activation seems to be mediated by binding to TRAF3 and TRAF6 (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR222258