

Product datasheet for RN211014

Ednrb (NM_017333) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ednrb (NM_017333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ednrb
Synonyms:	Ednra; Etb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211014 representing NM_017333 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCAATCGTCCGAAGCCGGTGGCAGCGCCTTGGTGGCGCTGCTGCTGGCCTGTGGCTTGTGGGG
TATGGGGAGAGAAAAGAGGATCCACCTGCCAGGCCACACCATCTCTCTCGGACTAAAGAAGTTAT
GACGCCACCCACTAAGACCTCCTGGACTAGAGGTTCCAACCTCCAGTCTGATGCGTTCCTCCGCACCTGCG
GAGGTGACCAAAGGAGGGAGGGTGGCTGGAGTCCCGCAAGATCCTTCCCTCCTCCGTGCCAACGAAAA
TTGAGATCAACAAGACTTTTAAATACATCAACACGATTGTATCATGCCTCGTGTTCTGTGCTAGGCATCAT
CGGGAACCTCCACTGCTAAGAATCATCTACAAGAACAAGTGCATGAGAAATGGTCCCAATATCTTGATC
GCCAGCCTGGCTCTGGGAGATCTGCTACACATCATCATCGACATTCCTAATGCCTACAAGCTGCTGG
CAGGGGACTGGCCATTTGGAGCTGAGATGTGCAAGCTGGTGCCTTCATACAGAAGGCTTCTGTGGGGAT
CACAGTGTGAGTCTATGTGCTTAAGTATTGACAGATATCGAGCTGTTGCTTCTGGAGTCGAATTA
GGAATTTGGGTTCCAAAATGGACAGCAGTAGAAATGTTTTAATTTGGGTGGTCTCTGTGGTTCTGGCTG
TCCCTGAAGCCATAGGTTTTGATGTGATTACGTGGACTACAAAGGAAAGCCCTAAGGGTCTGCATGCT
TAATCCCTTTAGAAAACAGCCTTCATGCAGTTTTACAAGACAGCCAAAGACTGGTGGCTGTTCAAGTTT
TACTTCTGCTTGGCCGCTAGCCATCACTGCGATCTTTTACACCCTAATGACCTGTGAGATGCTCAGAAAGA
AAAGTGGTATGCAGATTGCCCTTGAATGACCACTTAAAGCAGAGACGAGAAGTGGCCAAGACAGTATTCTG
CCTGGTCTCGTGTGGCCCTCTGTTGGCTTCCCTTACCTCAGCAGGATTCTGAAGCTCACCTTTAT
GACCAGAGCAATCCTCAGAGGTGTAACCTCTGAGTTTTTGGTGGTTTTGGACTACATTGGTATCAACA
TGGCTTCTTTGAATTCCTGCATTAATCCAATCGCTCTGTATTTGGTGGCAAGAGATTCAAAAAGCTGCT
TAAGTCGTGTTGTGCTGCTGGTCCAAACGTTTGGAGAAAACAGTCTTAGAGGAGAAGCAATCTGCTG
TTGAAGTTCAAAGCTAACGATCACGGATACGACAACCTCCGCTCCAGCAATAAATACAGCTCATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017333
Insert Size:	1329 bp
OTI Disclaimer:	<p>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 or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<ol style="list-style-type: none">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_017333.1 , NP_059029.1
RefSeq Size:	2018 bp
RefSeq ORF:	1329 bp
Locus ID:	50672
UniProt ID:	P21451
Cytogenetics:	15q22
Gene Summary:	Non-specific receptor for endothelin 1, 2, and 3. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. [UniProtKB/Swiss-Prot Function]