

Specifications:

Gene:	mEDNRA
Accession:	NP_034462
Insert size:	1297bp
Concentration:	10µg at 0.2µg/µL

mEDNRA cDNA Plasmid

Ednra endothelin receptor type A [*Mus musculus*]

Also known as: ETa; ET-AR; Gpcr10

Summary:

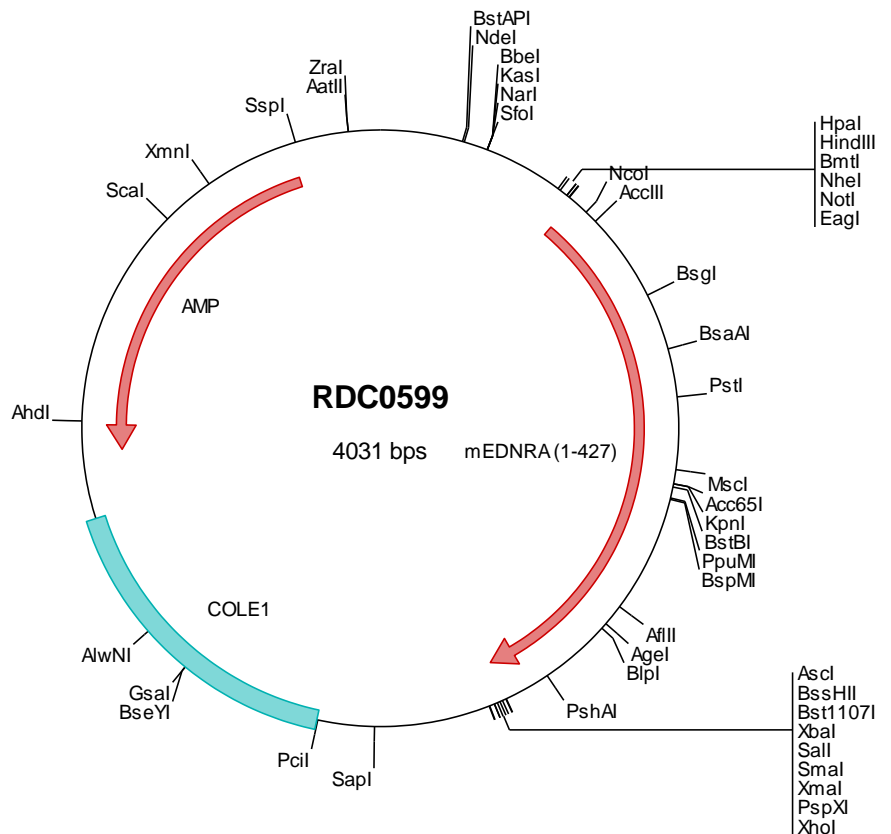
EDNRA is a receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. EDNRA is a G protein-coupled receptor (GPCR) that activates the phosphatidylinositol-calcium second messenger system. Polymorphisms in EDNRA have been linked to migraine headache resistance.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0599 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gacgctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttccccagtc acgacgttg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcgccacc atgagtatct ttgccttgc ggcatacttt tggctgacca tgggggagg
501 cgtaatggct gacaatccgg agagatacag cgtaaatcta agcagcca ca tggaaactt caccctttt ccggggacgg agatcaactt tctgggcaacc
601 accatcgcac cccctaattt ggcoctgcct agcaatggct caatgcacgg ctattggcca cagcagacta aatcacgac agctttcaaa tatattaaca
701 ctgtgatact ctgcaccatt ttcacgtggg gaatgggtgg gaaacgcaact ctactacgaa tcatttacca aaacaagtgt atgaggaaac gcccacaatc
801 gctcatagcc agcctggccc ttggagacct tatctacgtg gtcattgacc tcccatacaa cgtgtttaag ctcttggcag gacgttggcc tttogaccac
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1701 ggaacggagc agccacaagg acagcatgaa ctaaaaggcgc gccagtatac tctagagtgc acaccgggg aattcctcga gcgctcgtct ctagcttggc
1801 gtaatcagtg tcatagctgt ttctgtgtg aaattgttat ccgctcaca ttccacaca catabcagcc ggaagcataa agtataaagc ctgggtgccc
1901 taatgagtga gctaactcac attaatggc ttgcgctcac tgcccgttt ccagtcggga aacctgtctg gccagctgca ttaatgaatc ggccaacggc
2001 cagggagagg cggtttgcgt attggcgct ctcccgcttc ctgcctcaact gactcgtcgc gctcggctgt tcggctcggc cgagcgggat cagctcactc
2101 aaaggcgtga atacggttat ccacagaatc aggggataac gcaggaaaaga acatgtgagc aaaaggcca caaaaaggcca ggaaccgtaa aaaggccggc
2201 ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaacc gacaggacta taagataacc
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4001 aaaaataggc gtatccagag gcccttctg c

> RDC0599 Translated Insert Sequence

1 msifclaayf wltmvgvma dnperysanl sshmedftpf pgteinflgt thrppnlalp sngsmhgycp qtkittafk yintviscti fivgmvgnat
101 llriiyqknc mrngpnalia slalgdliyv vidlpinvfk llagrwpfdh ndfgvflckl fpflqkssvg itvlnlcal vdryravasw srvqgigipl
201 itaieivsiw ilsfilaibe aigfvmvpfe ykgelhrctm lnatskfmev ygdvkdwwlf gyfcmplvc taifytlmto emlnrnrgsl rialsehklq
301 rrevaktvfc lvvifalcwf plhlsrilkk tvydemdknr cellsflllm dyiginlatm nscinpialy fvskkfkncf qsclccccq skslmstvpm
401 ngtsiqwknq eqnnhnters shkdsnm