

Product datasheet for **RN209069**

Edn2 (NM_012549) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Edn2 (NM_012549) Rat Untagged Clone
Tag: Tag Free
Symbol: Edn2
Synonyms: ET-2; Et2; PPET2; RNEDN2S01; VIC
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN209069 representing NM_012549
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTCTCCCCGGCCTGGTGTTCATTGCTCTGGCCCTACTTTTGGCCCTGCATGAAGGGAAGGGCCAGG
CAGCTGTACCATGGAGCAACCAGCCTCGGCACCCAAGGGCCGAGGACCCACCTGCGTTTTTCGTCGTTG
CTCCTGCAACTCCTGGCTTGACAAGGAATGTGTACTTCTGCCACCTGGACATCATCTGGGTGAACACT
GCAGGACAGACAGCTCCCTATGGCCTGGGAAACCCGCCAAGGCCGCGCCGCTCCCTGCCAAAGCGCT
GCGAGTGTCTTCTGCTGGGACTCTGCCTGTGCCACCTTCTGCCATCGAAGGCCCTGGCCTGAAGCTGA
GGTCACCTCAAGTAGCCAGGGCCCTGCTGCTGTGTAGAGACTAGCAAGACGTGGACTGCTGCGGGAGAC
CTTCTCCAAAAGCTGAGGGACATCTCAGCTGCCAAGCTCCAATTTGTCAGGCTACGGCCAGAGTTGACAA
GAGAGGCCATCCCTGCACACTCTAGACGGGAAGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012549
Insert Size: 531 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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:	<u>NM_012549.3, NP_036681.2</u>
RefSeq Size:	1135 bp
RefSeq ORF:	531 bp
Locus ID:	24324
Cytogenetics:	5q36
Gene Summary:	mediates vasoconstriction; may play a role in regulation of blood pressure [RGD, Feb 2006]