

Product datasheet for **RN209694**

Edn3 (NM_001077650) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Edn3 (NM_001077650) Rat Untagged Clone
Tag: Tag Free
Symbol: Edn3
Synonyms: Et3; preproET-3; RGD1564825
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209694 representing NM_001077650
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTGGGGCTGGCTCCTTCTCGGGCTCACAGTGACCTCCGCTGCAGCTGCACTGCCTGCACAGC
CTGGAAATGCTGGGCAGGAGCGGGACCAGGCAGGTCTGGGGACCAGGAGAAAAGAGGGTGCCTGCACA
CCACCGACCTCGGCGCTGCACTTGTCTCACTTATAAGGACAAGGAGTGTGTCTACTACTGCCACCTGGAC
ATCATCTGGATCAACACTCCTGAACAGACTGTGCCCTATGGACTGTCCAACCACAGAGGAAGCCTCCGGG
GAAAGAGTCTCGGGCCAGTTCAGAAAAGTCCCAAGTCTTCTCCACAGACACGCTTACGTTGTGCCTG
TTCAGGGGTGGATGACAAGGCCTGCGCATACTTCTGTGCACACGTACCAGTTATTCCAGGAGAGCAGAA
AAGGCAGCTGCAGAAGAGAAGCAGGAGACTGGAGGTCCACGTCAAAGGCTGAAGTCAAGGACAGATAAAG
TCCACCAGCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001077650
Insert Size: 504 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).



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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_001077650.1, NP_001071118.1</u>
RefSeq Size:	734 bp
RefSeq ORF:	504 bp
Locus ID:	366270
UniProt ID:	<u>P13207</u>
Cytogenetics:	3q43
Gene Summary:	Endothelins are endothelium-derived vasoconstrictor peptides.[UniProtKB/Swiss-Prot Function]