

Product datasheet for **RN201161**

En2 (NM_001109214) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: En2 (NM_001109214) Rat Untagged Clone
Tag: Tag Free
Symbol: En2
Synonyms: RGD1561842
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201161 representing NM_001109214
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGAGAAGGATTCCAAGTCCAGCGAGACGGCGGGAGGGCGAGCGGCAGCCGAACCCAGCCCCG
GCGGCGGCTCCGGAGGCGGCAGCAGCCGAGCGACTCGGACACCGCCGCGCGTCTGATGTTGCC
CGCGGTCTGCAGGCGCCAGGCAACCACCAGCATCCGCATCGCATCACCAACTTCTTCATCGATAACATC
CTACGACCGGAGTTCGGCCGCCAAAGGATGCGGGGACTTGTGTGCCGCGCGGGCGGAGCCAGGGGAG
GCGAAGGCGGCGCTGGCAGTACGGAGGGAGGCGGCGCGCAGACGGAGCCGAGCAGATCTGGGCGCCAG
GGAGTCCCGACCGAACCTGCGTGCGCACCCAGTGCAGGAGGGCCGCTCTCCGGTGCCTCCGGCGACCT
GCGGCCGATGGAGAAGGCGGCTCCAAGACGCTGTCGCTGCACGGTGGTGTCTAAAAACCCGGAGACCCGG
GGGTTTCTTGGATGGAGCGCTCAAGGCCCGGGGCTTGGGCGGAGGTGACCTGTCGGTGAGCTCCGACTC
GGACAGCTCTCAAGCCAGCGCCACCCTGGGCGCGCAGCCATGCTCTGGCCGGCTTGGGTCTACTGCACA
CGTTACTCTGACCGCCTTCTTCAGGCCCAAGTCTCGAAAACCAAGAAGAACAACCCGAACAAGAGG
ACAAGAGGCCCGCACCCGCTTCACTGCTGAGCAGCTGCAGAGGCTCAAAGCTGAGTTTCAGACCAACAG
GTACCTGACGGAGCAGAGGCGCCAAAGTCTTGCAGGAGCTCAGCCTCAACGAGTCCAGATCAAGATC
TGGTTCAGAAACAAGCGGCCAAAATCAAGAAAGCCACGGGCAACAAGAACACTTGGCGGTGCACCTCA
TGGCGCAGGGCCTGTACAACATTCCACCACCGCCAAGGAGGGCAAGTCCGACAGCGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109214
Insert Size: 972 bp



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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_001109214.1</u> , <u>NP_001102684.1</u>
RefSeq Size:	2713 bp
RefSeq ORF:	972 bp
Locus ID:	499964
Cytogenetics:	4q11