

Product datasheet for **RN207102**

Evc2 (NM_001106012) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Evc2 (NM_001106012) Rat Untagged Clone
Tag: Tag Free
Symbol: Evc2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207102 representing NM_001106012
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCGACCGGTCTCACGGGCACTGGGGGACAAGCCACGTGGGTGCTGGCTGGAAATATCCTGGCCG
CGCCTTGGTACTGGGTGTGGTCCGTGTGCGCTCCACCCTCCTCCCTGGCCCTGGGCCAGGGTCGCC
ATCCCCACCCGACCTGTAGGACCCCGGCAAGCTCACAGCACAGCGATATTTCAAGAGATGCCAAGGT
CCCTCAGAGAACGGAGTGATATTTCAAAAATGCTCGCTGGTGTCTGGGCAGAGCGAATCGCAGACCATGC
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GGTGTCTGCAGGGAAGCATGCTGTTGAGATGCCGGTTCAGCATCCTGAGAACAAGCTGGAGCCCTCACC
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CCATGGAGACCCGCTGCAAGGGCTGCTGAGCACTGCAGCTACCCAGCTAACAGTCTCATTATAAACA
TGAGAGGGCTGGTACTTGGATGAAGATCAGATGGAAATGCTATTGGAGCGTGCACAGACAGAAACCTTT



TCTATAAAACAGAAGCTGGACAATGACTTAAAGCAAGAAAAGAAAAGGCTCCACCAAAAATTAATAACCA
 AGAGACGGCGAGAACTTCTGCAAAAGCACAAGGAGCAGCAGAAAGAGCAGGTGTCCCTTGCCGAGGCCTC
 CAGCACTGCGGAGGATGCCATTACGTACCTGCAGCAGTGGAGGAGCGTGTATGGCCGAGCACACCACTGCC
 CTGGAGGAGCTGCAGGAGCGGCTGGACCAGGCTGCCCTGGATGACCTCCGGGTCTGACTGTGCTACTGT
 CTGAGAAAAGCCACAGAGGAGCTGAGGCGCCTGCAGAGCACGGCCATGACACAGGAGCTGCTGAAGCGCAG
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 CTGGAGGCAGAGGAGAGAGCGTGGCCAGGAGCTGGTGCAGGGGCTGAGACAGAGGCTACAACAGGATG
 CACCGGAGGCTTGACAGAAAGAGCAGGCAGAGCTGAGGCATTGGGAGCACTTGGTATTCACGAAGCTCTG
 CTCTGCGGCCATCTCACTGTCTGAAGAAGACCTGCTCCGGGTGAGGCAGGAGGCACAGGGCTGCTTCAAC
 CAGCTGGACCGGAGCTTGCCCTCCAGAGTCCGTGCACGGGTGCTGCAGCAGCAGATGCAGATGACCT
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 GCTGCGTTCAAGGGCAGAGGCAAGGCGGACCTTCTGAAGAAGAACTGGAGGATAAGATCCGCCTGTT
 GAGGAGCGGGCCCTGAAGACCTGGCTGACCAGGTACGAGGGGAATTGCTCCAGGAGAGGGTCCAGAGGC
 TGGAGGCCAGGAGGCACACTTTGCCGAGTCACCTGTGGCTCTGCAGTTCAGAAGGTGGCCGGGCTGC
 TGAGACCTCTCCGTCTACACCGCCTGCTTAGCATCCAAGACCTGCTGCTGGGGAGCTGAGTGAAGTGC
 GAGACTGACCAAGTACGCTGCGTGCAGATCCTGGAGTCCCACAGGCCGAGCTGCTGGAGCTGGAGA
 GGATGCTGGAGGACCGGCTGGTGCAGCAGGAAGAGGCTGAGCAGCGGCGGGTCTGGAGAGCAGGCAGCG
 GTGGGCGGCTGACGGACCTGCGCTGGGCGAGCCTGAGGAGATAGATCCCAGAGGCAGGTCTTGGCGTC
 CTGCGGCAGGCTCTGAACAAGGGCCAGAAGCTACTGGAACAGTATCAGCAGAGGGTGAAGAGGAGCAGC
 AGAACGGTGCAGTGTGGAAGATTCTTGGAAAGCATGGAGACCGACACCATGGCCAGCCTCTGCAGCCA
 GGGACTGAGGCTGGTGTCTACCTCTCCAGGATGACAAATGGTCCCGGGGGCACCCCTACTGAGACTCCTG
 AGTGTGGTGTCTCCCGCAGCTTACAGCCTCAGCTACTGGCCTTGGTGGATGCAGTCAAGGAGAAAGCA
 CAGACCACAGCAGAGAATGAGAGTGGTGGTGCAGCAGGCACAGGCGGAGCAGGGCAAGAGGAGAAAACA
 CCAGAGCTGGTGGAAAGCTTTGGACAGCAGGTTTCCAGAGCAGATCTGGTGAAGTCAAGGACTGGAGAGGATG
 CTCTGGGCGCCGGAAGAAGGAGAGCATATTGAAGAAGAGATATGTTCTGTCCAGGAGAGGGTGGTGT
 TCCCCGGGAAAGGAAAGCTGGCCGACCTGTCCCTAGAGCCATCGGAGAAGTGGCGCCATCCCCATCAC
 AGGGCTAGACTATGGACATATTAACACAGGAGAAAAGATCTTTGTATTCAAGAGCCAAAGGAGCCT
 GAGATCTCTTGGCTGTTCTCCAGAGGAAGAAGAATTTCTGAATGCCAAGGCAGCCAGCAGGGCT
 TGGGCTTGGACTGA

ACGGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106012
- Insert Size:** 3654 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:

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_001106012.1, NP_001099482.1

RefSeq Size: 4067 bp

RefSeq ORF: 3654 bp

Locus ID: 289711

Cytogenetics: 14q21