

Product datasheet for RN217405

Evc (NM_001170439) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Evc (NM_001170439) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Evc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217405 representing NM_001170439 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCTGCAGGAGAGATGCGCGACTGCAGCTGGGCCGGGAAGCCCTGCAGGCGGCGCCTACGCTGCTGG
TCCCCGCAGTGTACTGGGTGCCTTACTCGGCCTGGGCCCTCGGCCTGTGGCTCGGCTGTCGTGCGAGGCG
CTTGGCGCGCGGCTCCAGAAAGATGACACAAAACATCTGCTCAGGAGTTCGGAGCCCCCTGCACAGAGC
CTCCGGGATACTAGCTCCAAAGCCAGGAGGCGACAGAGAGAAACCACTCGAGATGAAGATGCTCCTGAGG
GTGTGGAGCCGTCCTTGAGTGGCAACATCACGGCCTTTGCACTGAAAGCCAGAGTTGTCTATCCCATCAA
CCAGAAGTTCGGCCTCTGGCTGACGGATCCTCCACCCATCGCTGCATGAAAACCTGACACAGGACGCA
GCCATCCTGCCTCACCTCCCCACCAGCCGCGCAGAGGCCCTCGCCAGCCAGCAGTCTGGGCAGCCTGAGCC
AGGCTGGCAAGGAGGATGGCAGCTCCTCCTCCAGCATGCAGTCAACCTACAGCGACGACAGGGTCTCCTCA
GTGTGCCCTTCCGGGTGGGCAGCTTCCCTGAGATTCTGGCCTATGAGAGTGTAGATATTGACCTGTGT
GTCTGCAGCCTTACCTGAAAGACCTGCTTCAAGTAGACGCGGCGCTGAGGCAGGAGAAGCACCTGATGT
TCCTTCAGATTCTTAAAGCATGCCTCCTGGAATGTTTTCTAAAAAGAAGCCTGAGGAGGAATTATACCA
GAAGATTCTTCCAAACAAGAACATGATTTGGAGGAATTAGAAAAAGGACTTCAGGCCAGATTGGCAAAC
ACAGAAATGTTAGGTACCGGCGACTCTGGCTACATTTCCCTGGCAGATGTGGAGAGGAAGGAGAGAGAGC
TCTCAGAGCAGCTCATAGACAATATGGGAGCTTCTGGAAGCAGATGGAAGCATGCAGCCATTCTCAT
GGACCAGCTTAAGTGTTCCAGCTCCAAGGCACGGCAGCTCATGATGACTCTGACGGGAAGAATGATTGTC
GCTGAAGGACTGCTGCATGAGTCTCAGGACCTGCATGTCTGGACTCTGGAGAGGACAATGGGTGCGAG
CCCACATGGCAAGAAATTGTAGAGTTCCTGAGGACCCAGATCCAGGAGGAGACCAAGTGCCGGCTGGCCGC
CATCTCCCGTGGCCTGGAGCTGCTGACTGTCCAGGGCAGCTGTCTGGGAGGCAGAAGGAGGAACCTCTG
ACCCAACAGCACAAAGCCTTCTGGGAGGAGGCAGAGTGTCTTGGCAGGGAGTTTATGCAGCGGGGCAAAG
ACCTGGTCCAGGTGTCTCAGGCTCACCGGCAGAGGCAGTGGCAGAGCTCACACGGGCCAAAGAAGAAGA
ACGGAGGATTTCTGGCTGATACCCAGCCAACCTCAGATCCGGAAGAGTTCTCAAGGCTTTTCATGAG
GTACTGGAGAGGACGGCTGACACGGAGTGACCAGGAGGGGAGGAGGACACCAGGATCACTGAGGCCA
TGCTGCGCTCTGCCAGGAGCTCTACTGTGGCACCATGGAACGTTCCAAAAGTTTGTGGACACCCTGTT



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TCTGAAGACCCTCCCGAAGTGAGCAGCCTCCCTGTGGCAGAATGCGAGGCCCTGAGGCAACAGGTCCAG
 GAACAGGCAGCAAGGCAGCTGGGGCAGGCAGACCATTCCGCAGACGACAGTGGGGGCTCCTGTGTGACC
 TCTTGGAGCAGGACAAACGGGTGTGGCTGGAGGAGTGCACGCTCTCCACAGTGTGCAGAGGCAGCTGCC
 GGATCACCACGAGAGCACCATCCACGGGGTCTGAGCAGATTAGTGGCCTCTCGAAGAGTCCACACGA
 GGCATCCTGCAGGGACATGAGCTGCTGTGTCTGCTCTGCGCAGACTGGCCCTCCGAGGTACCACCA
 TCAGTCCCTGGCTCAGATGAGGCTGTCTGGGAAGAAGAGGCTCCTGCAGGAGCTACATGAGCAGTAGC
 TTTAGAGCAGGGTGTGTCCCATGCCTGGAGGAGCATCAATGGCAGCTGCTCAGAGCCCTGGAGGCACGG
 ATCCTGGAGGAGACAGCCAGGTTGGAGGATGAGGCACAGCAGACCCTCTGCGGCTCCAGCAGCAGCTGC
 TGGCGGAGGCACAGGAAGCAGGGCAGCTGTTGCAGCTGCACTCGGAGCGGGCCATTGGGCAGGCGTGT
 GGTACATGCTAGGAATGTAGCCAGCAAAGGCCGACCAGGGATAAGGAAGACTTTAAGAGGACGCTGGT
 GAGACAGTGGTGGAGAGTGTGTATGTGACCAGCACTAGTGTCAACCGCTTGTGCAGGTGCATTACCAGG
 GCATCGGGAAGCTCCTGCAGGCCATGAAGAACAATTGCTGCAGCGCCTGAAGACCCTACAGGATGAGAG
 AATCAATGCTTACAAGCTGTGGAAGAAGCAAGAATTAGTGAACCCACATCAGAGAGCCAGACACCAGGC
 GGTACCATGGAGCGCCAGGCTGTACAGCAGAGGATGACGTCACAGCGGAAGAAGCTCCTGGACCAGT
 TCACAAAGCACCAGCAGGGCCCTGAACTCTCAGAGGCAGAAGGCACAAGAGCTGGACCAGCTGGAAGC
 CCAGCTTGAGACCAGCTGCAGGAAGCTGAGCAGACCCTTATCTCGGAGCTGGCGACATTGGCCCGAGTG
 CCCCTTGCTGAGAACAAGCCATTCTCAACAAGCGAGGCCTGCCAGAGAAGCCGTAAGGACCAAAAGGA
 AGAAGCCCCACCTCGGGAGAGAGAGGACCTGGGGCTACCAAACGATGACCACCCTGCCTTGGCCGACCA
 CTCCACAGGACCACTCAGTGCAGTGTACTCAGCATCGCCGCCATCCTTGTCCACAGCAACGGAAAGCTG
 GGTCAGCAGGACGGCGAAGCTTGTGATGGAGAAAACACAGGAAGATACTGCAGAAAAGAAGCAATCTGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001170439
- Insert Size:** 3012 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001170439.1](#), [NP_001163910.1](#)
- RefSeq Size:** 4315 bp

RefSeq ORF: 3012 bp

Locus ID: 289712

Cytogenetics: 14q21

Gene Summary: human homolog plays a role in skeletal development; mutation of the human homolog causes the skeletal dysplasia Ellis-van Creveld syndrome [RGD, Feb 2006]