

Product datasheet for **MC218350**

Evc (BC021464) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Evc (BC021464) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Evc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021464
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCTGCACTAAAGATGCGCGCTGCAGCTGGCCCGGAAGCCCTGCAGGCGGCCGACGCTGTGG
 TCCCCGCGGTGCTACTGGGTGGCGTTCTCGGCCTAGGCCTTGGCTTGTGGCTTGGCTGTCGCGCAGCCA
 CTTGCGCGCACGGCTCCAGAAAGATGACAGGAAACGTCTGCTCGGGAGTTCAGAGCCCCCTGCACAGAGC
 CTACGGGACACTGGCTCTCAAGCCAGGAGGCGCCAGAGAGAAACCGCTCGGGATGAAGACGCCCTGAGG
 TGTGTGAGCCATCCTTGTGAGTGGCAACATCACGGCATTGCACTGAAAGCCAGAGTTGTCTATCCCATCAA
 CCAGAAGTTCCGGCCTCTGGCCGACGGATCCTCCACCCATCGCTGCATGAAACCTGACACAGGCAGCG
 GCCATCTGCCACCTGCCACCAGCCAGCAGAGGCCTCACCAGCCAGCAGCCTGGGCAGCCTGAGCC
 AGGCTGGCAAGGAGGACGGCAGCTCCTCTCCAGCATGCGGTCAACCTACAGCGACGCCGATCCTCCA
 GTGTGCCCTTCTCCGGGTGGCAGCTTCCCTGAGATCCTGGCCTGTGAGAGTGTGGACATTGACCTGTGT
 GTCTGCAGCCTTACCTGAAAGACCTGTTTCAAGTACAGCGGCCTGAGGCAAGAGAAGACCTGATGT
 TCATTCAGATTCTTAAAGCATGCCTCCTGGATTTTTTCTAAAAAGAAGCCTGATGATGAATTATGCCA
 GAAGGTTCTTTCCAAACAAGAGCATGATTTGGAGGAATTAGAAAAGGGACTCCAGGCCAGATTGGCGAAC
 ACAGAAATGTTAGGCACTGGCGACTCTGGCTACGTTTCCCTGGCAGATGTGGAGAGGAAGGAGAGAGAGC
 TCTCAGAGCAGCTCATAGACAACATGGGAGCTTCTGGAAGCAGATGGAAAGCATCCAGCCCCTCAT
 GGACCAAGTTAAGTGTCCAGCTCCAAGCTCGGCAGTTCATGATGACTCTGACAGGAAGAATGATTGTC
 GCTGAAGGACTGCTGCATGACTCTCAGGACCTGCATGTCTGGACACCCTGGAGAGGACAATGGGTGCGAG
 CCCATTTGGCAAGAATGGTGGATTCTGAGAACCAGATCCAGGAGGAGACCAAGTGCAGACTTGTCTGC
 CATCTCCCGTGGCTGGAGTTGCTGACTGTCCAGGGCAGCTGTCTGGGAGGCAGAAGGAGGAACCTCTG
 ACTCAGCAGCACAGGCCTTCTGGGAGGAGCAGAGCGTTTTTGGCAGGAATTCATGCAGCGGGCAAG
 ATCTGGTCCAGCGCTCACAGGCTCGCCAGGAGGAGGAGCAGCAGAGCTCACACAGACCCAAAGAAGA
 ACGGAGGAGTTTCTGGCTGATTCAGCTGACCTCGGATCCTGGGGAATTCCTCAAGGCTTTTCTGAG
 GTCCTGGAGAGGACGGCTGACAAGGAGTGACCAGGAGGAGACGAGGACACCTGGATCACTGAGGCCA
 TGGCTGCGCTCTGCCAGGAGCTGTACTGTAGCACCATGGGAACCTTCCAAAAGTTTGTGGACTCCCTGTT
 CCTGAAGACCCTCCAGAAGTGACCAGCCTCCCTGTGGGAGAATGTGAGACCCTGCGGCAGCAGGTCAG
 GAGCAGGACGCAAGGAGCTGGGACAGGACAGCCGATTCGCAGACGACAGTGGGACTCCTATGTGATC
 TATTGGAGCAGGACAAACGGGTGTGGCTGGAGGAGGAGTACGCTGTCCACGGTGTGCAGAGGACAGTGC
 GGATCACACGAGAGCACCATCCACGGCTCTGAGCAGATTCAGTGGCCTTTCTGAAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC021464

Insert Size: 1884 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: [BC021464](#), [AAH21464](#)

RefSeq Size: 2209 bp

RefSeq ORF: 1883 bp

Locus ID: 59056

Cytogenetics: 5 B3

Gene Summary: Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling (PubMed:17660199, PubMed:24582806). Involved in endochondral growth and skeletal development (PubMed:17660199).[UniProtKB/Swiss-Prot Function]