

Product datasheet for **MC216450**

Evx2 (NM_007967) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Evx2 (NM_007967) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Evx2
Synonyms:	Evx-; Evx-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216450 representing NM_007967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAAGAATAAGAAAAGAGATGATTCTGATGGAAGAGGGCTCCACAGCCCTACTGCTGGCAAGA
 GGTTCCTCAGTTTGTCCGATTCAGCTGGCGGTGCTGTGCTCGAGGCCCTGGAAAATTCGACGACCCGGC
 TCGCCTCAGTCCGCGCCTGCCGTCCGCCCGCTGCACGGAGCTCTGGGAGACCTCCCGCAAAGGCAAA
 TTCGAAATAGACACTTTGTTCAACCTGCAGCACCCGAGCAGCGAAAGCACCGTCTCCTCCGAAATTGCC
 CCGCTACCGAGAGCCGCAAGAAGCCTAGTCATTATTCCGAAGCGGCCCGAGGCCGACATGAGCAGCGA
 CGTGGAGGTGGGCTGCTCCGCACTGCGCTCCCCAGCGGCTGGGCGCTGCACCGCTCAAGGAAAACAAT
 GCCAAAGGTACACGGAGAGCGGCTCCGTCGCGGGCACCACGACGTCGGCTTCCGGCTCGGGCTCGGTA
 GTCTGCATGGAGCGGCGGGCGGCAATAGCGGGCTGCGGCTGGGCGGCTCTGGCTCCGGTCCGG
 CGCGATCAGGTGCGGCATACCGTACGGCATTACCCCGCAACAGATCGCGCCTGGAGAAAGAGTTC
 TACAGGGAGAACTACGTGTCTCGGCCCGCCGGTGCAGCTGGCCGCTGCACTCAACCTGCCGAAACCA
 CCATCAAGGTGTGGTCCAGAACCAGCGCATGAAGGACAAACGGCAGCGCCTGGCCATGTCGTGGCCGA
 TCCAGCCGACCCAGTTCTACACCTACATGATGACACACGCGCGGCCACCGGAAGCCTACCCTACCCT
 TTTCACTCGCACGTGCCGCTGCACTACTACCCGCAGTGGGCGTACCAGCGGCTGCAGCAGCGGCCGAG
 CCTCGGGAGCGGCGGGCAGCATCCTCGCCCTTCGCCACATCCATCCGTCCTTGACACCTTCCGTGC
 GCTTTCACATCCTATTTCGCGGCCGGAAGTCTCTGCAGCTTCCGCCACCCGGGGCTCTACCAGGCGCA
 GCCCGCCGCGGGGTTGAACAGCGCGGCTCGGCTGCTGCAGCAGCGGGCTGCAGCGCGCCAGCCT
 CCTCGGGCGGCGGCTGGGGCGCCCCAGCGGTAGCTCGGCGCCCTGCTCGTGCCTCAGTTGTACAG
 CAGCCAGTCTGCAGCGGGCGGCGGCCGCTGCAGCGGACGCGTGGGCTCCCGGGCGGGGTTGGCAGC
 GGCGGTGGCGGCGGGGGAGCCGGGACGCGGGTGGCTCGGACTTTGGCTGCAGCGCCGCGGGCCGC
 GCTCCGAGAGCGGCTTTCGCCATTCCGCCGCGGTGCTCAGCAAGACCAGCGTCAGCCCGCGGACCA
 GAGGGACGAGGCGCGCTACCAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_007967
- Insert Size:** 1428 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_007967.3](#), [NP_031993.1](#)

RefSeq Size: 4210 bp

RefSeq ORF: 1428 bp

Locus ID: 14029

UniProt ID: [P49749](#)

Cytogenetics: 2 44.13 cM

Gene Summary: This gene is located at the 5' end of the Hoxd gene cluster on chromosome 2. The encoded protein is a homeobox transcription factor that is related to the protein encoded by the Drosophila even-skipped (eve) gene, a member of the pair-rule class of segmentation genes. The encoded protein plays a role in limb morphogenesis. [provided by RefSeq, Aug 2015]