

Product datasheet for **MR207790**

Evx2 (BC061467) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Evx2 (BC061467) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Evx2
Synonyms:	Evx-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207790 representing BC061467
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGAAGAATAAGAAAAGAGATGATTCTGATGGAAGAGGGCTCCACAGCCCTACTGCTGGCAAGA
 GGTCTCCAGTTTGTCCGATTCAGCTGGCGGTGCTGTGCTCGAGGCCCTGGAAAATTCGACAGCACCGGC
 TCGCCTCAGTCCGCGCCTGCCGTCGCCCCCGCTGCACGGAGCTCTGGGAGACCTCCCGCCAAAGGCAAA
 TTCGAAATAGACACTTTGTTCAACCTGCAGCACCCGAGCAGCGAAAGCACCGTCTCCTCCGAAATTCCT
 CCGCTACCGAGAGCCGCAAGAAGCCTAGTCATTATTCCGAAGCGGCCGCCGAGGCCGACATGAGCAGCGA
 CGTGGAGGTGGGCTGCTCCGCACTGCGCTCCCCAGCGGCTGGGCGCTGCACCGCTCAAGGAAAACAAT
 GCCAAAGGTACACGGAGAGCGGCTCCGTCGCGGGCACCACGACGTGGCTTCCGGCTCGGGCTCGGTA
 GTCTGCATGGAGCGGCCGGCGGCAATAGCGGGCTGCGGCTGGGCGGCTCTGGCTCCGGTCCGG
 CGCGGATCAGGTGCGGCATACCGTACGGCATTACCCGCGAACAGATCGCGCGCTGGAGAAAGAGTTC
 TACAGGGAGAACCTACGTGTCTCGCCCCCGCGGTGCGAGCTGGCCGCTGCACTCAACCTGCCGAAACCA
 CCATCAAGGTGTGGTCCAGAACCAGCGCATGAAGGACAAACGGCAGCGCTGGCCATGTCTGGCCGCA
 TCCAGCCGACCCAGCTTCTACACCTACATGATGACACACGCGCGGCCACCGGAAGCCTACCCTACCCT
 TTTCACTCGCACGTGCCGCTGCACTACTACCCGACGTGGGCGTACCAGCGGCTGCAGCAGCGGCCGAG
 CCTCGGGAGCGCGCGGCGCAGCATCCTCGCCCTTCGCCACATCCATCCGTCCTCTGGACACCTTCCGTGC
 GCTTTCACATCCTATTTCGCGGCTGGGGCGCCCCAGCGGTAGCTCGGCGCCCTGCTCGTGCCTCAGTT
 GTCACAGCAGCCAGTCTGCAGCGCGCGCGGCGCGCTGCAGCGGCAGCGCTGGGCTCCCGGGCGCGCG
 TGGCAGCGCGGTGGCGCGCGCGGGGAGCCGGGACGGCGGGTGGCTCGGACTTTGGCTGCAGCGCCGCG
 GCGCCGCGCTCCGAGAGCGGCTTCTTGCCCTATTCCGCGCGGTGCTCAGCAAGACCGCCGTCAGCCCGC
 CGGACCAGAGGGACGAGGCGCGCTCACAGATAACTACGCCGCGCAGGGGCCGCGCCAGCCTCTCGG
 CGTGCGCCCGCTCGGGCCCGCTTGCCCTCGGCTCCTGCTGCCGCTAGGGGGCGCCCCGGGGGTCCGG
 GAGGGCGAAAGAACTGCCCGAGTTGGGGGTTGGGGAGGAGGGAAGGGCGGGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207790 representing BC061467
 Red=Cloning site Green=Tags(s)

MMERIRKEMILMERGLHSPTAGKRFSLSDSAGGAVLEALENSQHPARLSPRLPSAPLHGALGDLPAKGG
 FEIDTLFNLQHPSESTVSSEIASATESRKKPSHYSEAAAADMSDVEVGSALRSPSGLGAAPLKENN
 AKGYTESGSVAGTTTASGSGLSLHGGGGGNSGAAALGGSGSGSADQVRRYRTAFTREQIARLEKEF
 YRENYVSRPRCELAAALNLPETTIKVFQNRMRKDKRQLAMSWPHPADPSFYTYMMTHAAATGSLPYP
 FHSVPLHYYPHVGVTAASAAAAASGAAAAASSPFATSIPLDTFRALSHYPYRSLGRPPAVARRPARASV
 VTAASLQRRRPLQRQRWAPGAAVAAVAAAGEPGRRVARTLAAAPRRRAPRAASCIIPRCSARPPSAR
 RTRGTRRRSPDNYAAARGRASLSACAPSGPAWPSAPAAARGRPGGSGRAKETCPSWVGGGGKGRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9057_e03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: BC061467

ORF Size: 1458 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC061467.1](#)
RefSeq Size: 4077 bp

RefSeq ORF: 1460 bp

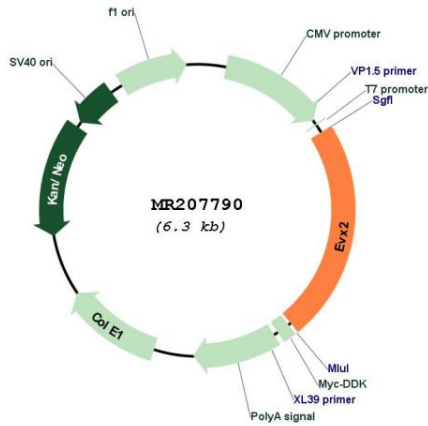
Locus ID: 14029

Cytogenetics: 2 44.13 cM

MW: 50.8 kDa

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]

Product images:



Circular map for MR207790