

## Product datasheet for **MG207790**

### **Evx2 (BC061467) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Evx2 (BC061467) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Evx2
Synonyms:	Evx-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207790 representing BC061467  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGGAAGAATAAGAAAAGAGATGATTCTGATGGAAGAGGGCTCCACAGCCCTACTGCTGGCAAGA  
 GGTCTCCAGTTTGTCCGATTCAGCTGGCGGTGCTGTGCTCGAGGCCCTGGAAAATTCGACAGCACCCGGC  
 TCGCCTCAGTCCGCGCCTGCCGTCGCCCCCGCTGCACGGAGCTCTGGGAGACCTCCCGCCAAAGGCAAA  
 TTCGAAATAGACACTTTGTTCAACCTGCAGCACCCGAGCAGCGAAAGCACCGTCTCCTCCGAAATTCCT  
 CCGCTACCGAGAGCCGCAAGAAGCTAGTCATTATTCCGAAGCGGCCGCCGAGGCCGACATGAGCAGCGA  
 CGTGGAGGTGGGCTGCTCCGCACTGCGCTCCCCAGCGGCTGGGCGCTGCACCGCTCAAGGAAAACAAT  
 GCCAAAGGTACACGGAGAGCGGCTCCGTCGCGGGCACCACGACGTGGCTTCCGGCTCGGGCTCGGTA  
 GTCTGCATGGAGCGGCCGCGCGCAATAGCGGGCTGCGGCGTTGGGCGGCTCTGGCTCCGGTCCGG  
 CGCGGATCAGGTGCGGCATACCGTACGGCATTACCCCGCAACAGATCGCGCGCTGGAGAAAGAGTTC  
 TACAGGGAGAACTACGTGTCTCGGCCCGCCGGTGCAGCTGGCCGCTGCACTCAACCTGCCGAAACCA  
 CCATCAAGGTGTGGTCCAGAACCAGCGCATGAAGGACAAACGGCAGCGCTGGCCATGTCTGGCCGCA  
 TCCAGCCGACCCAGCTTCTACACCTACATGATGACACACGCGCGGCCACCGGAAGCCTACCCTACCCT  
 TTTCACTCGCACGTGCCGCTGCACTACTACCCGCAGTGGGCGTACCAGCGGCTGCAGCAGCGGCCGAG  
 CCTCGGGAGCGCGCGGCGAGCATCCTCGCCCTTCGCCACATCCATCCGTCCTTGACACCTTCCGTGC  
 GCTTTCACATCCTATTTCGCGGCTGGGGCGCCCCAGCGGTAGCTCGGCGCCCTGCTCGTGCCTCAGTT  
 GTCACAGCAGCCAGTCTGCAGCGCGCGCGCGCGCTGCAGCGGCAGCGCTGGGCTCCCGGGCGCGCG  
 TGGCAGCGCGGTGGCGCGCGCGGGGAGCCGGGACGGCGGTGGCTCGGACTTTGGCTGCAGCGCCGCG  
 GCGCCGCGCTCCGAGAGCGGCTTCTTGCCCTATTCCGCCGCGGTGCTCAGCAAGACCGCCGTCAGCCCGC  
 CGGACCAGAGGGACGAGGCGCGCTCACCAGATAACTACGCCCGCCAGGGGCCGCGCCAGCCTCTCGG  
 CGTGCGCCCGTGGGCCCGCTTGCCCTCGGCTCCTGCTGCCGCTAGGGGGCGCCCCGGGGGTCCGG  
 GAGGGCGAAAGAACCTGCCCGAGTTGGGGGTTGGGGAGGAGGGAAGGGCGGGCG

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG207790 representing BC061467  
 Red=Cloning site Green=Tags(s)

MMERIRKEMILMERGLHSPTAGKRFSSLSDSAGGAVLEALENSQHPARLSPRLPSAPLHGALGDLPAK GK  
 FEIDTLFNLQHPSSSESTVSSEIASATESRKKPSHYSEAAAADMSDVEVGSALRSPSGLGAAPLKENN  
 AKGYTESGVSAGTTTSASGSLGSLHGGGGGNSGAAALGGSGSGADQVRRYRTAFTREQIARLEKEF  
 YRENYVSRPRRCELAAALNLPETTIKVFQNRMKDKRQRLAMSWPHADPSFYTYMMTHAAATGSLPYP  
 FHSVPLHYYPHVGTAAAAAAAASGAAAAASSPFATSIRPLDTFRALSHPYRSLGRPPAVARRPARASV  
 VTAASLQRRRPLQRQRWAPGAAVAAVAAAGEPGRRVARTLAAAPRRRAPRAASCIIPRCSARPPSAR  
 RTRGTRRRSPDNYAAARGRASLSACAPSGPAWPSAPAAARGRPGGSGRAKETCPSWVGGGGKGRA

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**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.

**RefSeq:** [BC061467.1](#)

**RefSeq Size:** 4077 bp

**RefSeq ORF:** 1460 bp

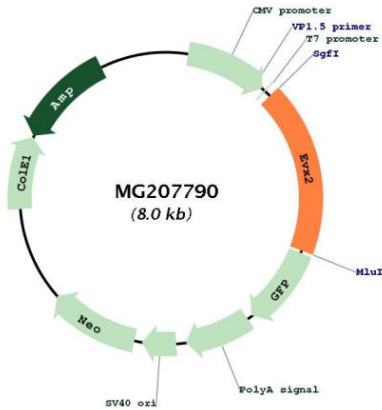
**Locus ID:** 14029

**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]

**Product images:**



Circular map for MG207790