

Product datasheet for **SC315772**

EVX2 (NM_001080458) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EVX2 (NM_001080458) Human Untagged Clone
Tag: Tag Free
Symbol: EVX2
Synonyms: EVX-2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001080458 edited
 ATGATGGAAGAATAAGAAAAGAGATGATTCTGATGGAGAGAGGGCTGCACAGCCCTACG
 GCGGGCAAGAGATTCTCCAATTTGTCCAACCTCGGCTGGCAATGCTGTGCTCGAGGCCCTG
 GAAAATTCGACAGCACCCGGCTCGCCTAAGCCCGCCTGCCGTCTGCCCCCTGCACAGC
 GCTCTGGGAGAACTCCCCGCAAGGGCAAATTCGAAATAGACACTTTGTTCAACCTGCAG
 CACACGGGACGAAAGCACCGTCTCCTCCGAAATCTCCTCCGCCCGGAGAGCCGCAAG
 AAGCCGGGCCATTATTCAGAGGCGGCCGCTGAGGCCGACATGAGCAGCGACGTGGAGGTG
 GGCTGCTCCGCGCTTCGCTCCCCGGGGGCTCGGCGCCGCTCAGCTTAAGGAAAACAAT
 GGCAAAGGTACGCAGAGAGCGGCTCGGCTGCCGGCACCACGACGTGGCGTCCGGCTCA
 GGCTCGAAAGCCTGCATGGAGGACGGAGGCAGCGGGGAGCGCGGCGTGGGTGGC
 TCCGGCTCTGGCGGGATCAAGTGGCGGCTACCGTACGGCGTTACCCGCGAGCAGATC
 GCGCGCTGGAGAAGGAGTTCTACCGGGAGAATATGTGTGCGCGCCCGCCGGTGGAG
 CTGGCCGCGCACTCAACCTGCCGAAACCACCATCAAGGTGTGGTTCCAGAACCAGCGC
 ATGAAGGACAAGCGGCAGCGCCTGGCCATGTCCTGGCCGACCCAGCCGACCCAGCTTC
 TACACCTACATGATGACGCACGCGGCCACCAGCAAGCCTGCCCTACCCCTTCCACTCG
 CACGTGCCGCTGCACTACTACCCGACGTGGGCGTACGGCGGCGGCGGCGCGGCTGCA
 GCCTCAGGCGCGGCGGCCGCGGCTTCGTCGCCCTTCGCTACTTCCATCCGGCCACTGGAC
 ACCTTCCGCGCCCTCTCGCACCCCTACTCTCGGCCGAGCTGCTGTGTAGCTTCCGCCAC
 CTTGGTCTTACCAGGCTCCCGCGGCGCGGCGGCTCAACAGCGCGGCTCTGCGCGG
 GCAGCCGCGCAGCCGACGCGGCTGCGGCTCCTCGGCGGCGGCGCGCGCGCCCGCC
 AGCGGCGGCTCTGCACCCTGCTCGTGCCTCAGTTGCCACAGCAGTCAGTCGGCGGCGCA
 GCCGCGCAGCAGCTGCCGACGCCCTGGGTTCCCGGGGTGGCGGTGGCGGCGCGGTTGGT
 GGTGGTGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG
 GCGG
 GCGG
 ACGGCCGTGAGCCCGCGGACCAGAGGGACGAGGCTCCGCTCACCAGATAA

Restriction Sites: Please inquire



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ACCN:	NM_001080458
Insert Size:	1500 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001080458.1.
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:	<ol style="list-style-type: none">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:	<u>NM_001080458.1</u> , <u>NP_001073927.1</u>
RefSeq Size:	1617 bp
RefSeq ORF:	1431 bp
Locus ID:	344191
UniProt ID:	<u>Q03828</u>
Cytogenetics:	2q31.1
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. A 117 kb microdeletion at the 5' end of the HOXD gene cluster, which includes this gene and the HOXD9-HOXD13 genes, causes synpolydactyly, a dominantly inherited disease resulting in limb malformation. [provided by RefSeq, Sep 2009]