

Product datasheet for **RG214211**

EVX1 (NM_001989) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: EVX1 (NM_001989) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: EVX1
Synonyms: EVX-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG214211 representing NM_001989
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAGCCGAAAGGACATGGTTGTGTTTCTGGATGGGGTCCAGCTTGGCACTCTGGTTGGCAAGAGAG
 TCTCAAATTTGTCCGAGCCGTGGGCAGCCCGTCCGGAGCCCGCCGAGAAAATGGTCCCCGTGGTTG
 CCTGAGCCCTCGGGCCGTCCCTCCGGCCACCCGGGAGCGCGGGGGAGGCCCGGAGGAGGAGCCGGTA
 GATGGACTCGCAGGCAGCGGGCGGGCCGGCCGAGCCAGGTAGCTGGGGCGCCATGCTCGGCC
 CAGGACCCCGGCCCCCTCAGTCGACAGCCTCTCCGGACAGGGGCAACCCAGTAGCTCGGACCCGAGTC
 GGATTTCTATGAAGAAATCGAGGTGAGCTGCACCCCGGACTGCGCCACCGGGAACCCGAGTACCAGCAC
 AGCAAAGGGTCCGGCTCCGAGGCCTGGTCCGAGTCCGAAACGGAGGGAGCGAGACCCCAAGAGCAACG
 GCGGCAGTGGTGGGGCGGCTCGCAAGGACCCCTGGCGTGCAGCGCCAGTGACCAGATGCGTTCGTTACCG
 CACCGCCTTACCCGAGAGCAGATTGCGCGGCTGGAGAAGGAATTCTACCGGGAGAACTACGTATCCAGG
 CCGCGGAGATGTGAGCTGGCGGCCGCCCTAAACCTGCCGAAACCACCATCAAGGTGTGGTTCCAGAACC
 GGCGCATGAAGGACAAGCGGCAGCGCCTGGCCATGACGTGGCCGACCCGGCGGACCCCGCCTTCTACAC
 TTACATGATGAGCCATGCGGCGGCCCGGGCGGCTGCCCTACCCCTTCCATCGCACCTGCCCTGCC
 TACTACTCGCCGGTGGGCTGGGCGCCGATCCGCCCTCCGCCCGCCTCGCCCTTACGCGGCTCGC
 TCGCCCGCTCGACACGTTCCGGTGTGTGCGAGCCCTACCCGGCCCGAACTGCTGTGCGCCTTCCG
 CCACCCCGGCTTACCCCGGGCCCGCGCACGGACTGGGCGCCTTCCCGCGGGCCCTGCTCCTGCCTC
 GCCTGTACAGCGGCCCGGCCAACGGGCTGGCGCCCGGGCTGCCCGCCTCGGACTTACCTGTGCCT
 CCACCTCCGCTCGGACTCCTTCTCACCTTCCGCCCTCGGTGCTCAGCAAGGCCTCCTCCGTCGCGCT
 GGACCAGAGGGAGGAGGTGCCCTCACTAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG214211 representing NM_001989
 Red=Cloning site Green=Tags(s)

MESRKDMVFLDGGQLGTLVGKRVSNLSEAVGSPLPEPPEKMVPRGCLSPRAVPPATRERGGGGPEEEPV
 DGLAGSAAGPGAEPQVAGAAMLGPGPPAPSVDSL SGQGQPSSSDTESDFYEEIEVSTPDCATGNAEYQH
 SKGSGSEALVGSPPNGGSETPKSNNGSGGGGSSQGLACASASDQMRRYRTAF TREQIARLEKEYRENYVSR
 PRRCELAALNLPETTIKVWFQNRMRKDKRQLAMTWHPADPAFYTYMMSHAAAAGGLPYFPFPHLPLP
 YYSPVGLGAASAASAAAPFSGSLRPLDTRVLSQPYPRPELLCAFRHPPLYPGPAHGLGASAGGPCSCL
 ACHSGPANGLAPRAAAAASDFTCASTSRSDSFLTFAPSVLSKASSVALDQREEVPLTR

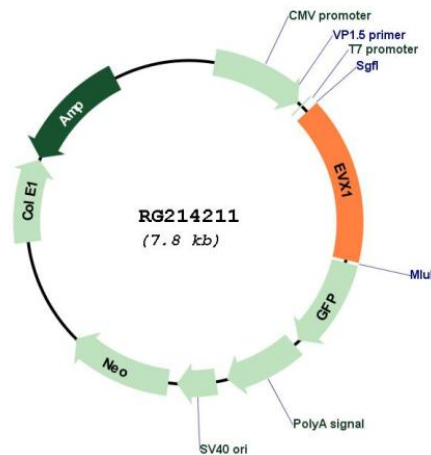
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001989

ORF Size:	1221 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:	<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:	NM_001989.5
RefSeq Size:	1858 bp
RefSeq ORF:	1224 bp
Locus ID:	2128
UniProt ID:	P49640
Cytogenetics:	7p15.2
Protein Families:	ES Cell Differentiation/IPS
Gene Summary:	This gene encodes a member of the even-skipped homeobox family characterized by the presence of a homeodomain closely related to the Drosophila even-skipped (eve) segmentation gene of the pair-rule class. The encoded protein may play an important role as a transcriptional repressor during embryogenesis. [provided by RefSeq, Jul 2008]