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Product datasheet for SC303104

EVX1 (NM_001989) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EVX1 (NM_001989) Human Untagged Clone
Tag:	Tag Free
Symbol:	EVX1
Synonyms:	EVX-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303104 representing NM_001989. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGAGAGCCGAAAGGACATGGTTGTGTTTCTGGATGGGGGTCAGCTTGGCACTCTGGTTGGCAAGAGA GTCTCAAATTTGTCCGAAGCCGTGGGCAGCCCGCTGCCGGAGCCGCCCGAGAAAATGGTGCCCCGTGGT TGCCTGAGCCCTCGGGCCGTCCCTCCGGCCACCCGGGAGCGCGGCGGGGGAGGCCCGGAGGAGGAGCCG GTAGATGGACTCGCAGGCAGCGCGGCGGGGCCGGGCGCCGAGCCCCAGGTAGCTGGGGCGGCCATGCTC GGCCCAGGACCCCCGGCCCCCTCAGTCGACAGCCTCTCCGGACAGGGGCAACCCAGTAGCTCGGACACC GAGTCGGATTTCTATGAAGAAATCGAGGTGAGCTGCACCCCGGACTGCGCCACCGGGAACGCCGAGTAC CAGCACAGCAAAGGGTCCGGCTCCGAGGCGCTGGTCGGCAGTCCGAACGGAGGGAGCGAGACCCCCAAG AGCAACGGCGGCAGTGGTGGGGGCGGCTCGCAAGGCACCCTGGCGTGCAGCGCCAGTGACCAGATGCGT CGTTACCGCACCGCCTTCACCCGAGAGCAGATTGCGCGGCTGGAGAAGGAATTCTACCGGGAGAACTAC GTATCCAGGCCGCGGAGATGTGAGCTGGCGGCCGCCCTAAACCTGCCGGAAACCACCATCAAGGTGTGG TTCCAGAACCGGCGCATGAAGGACAAGCGGCAGCGCCTGGCCATGACGTGGCCGCACCCGGCGGACCCC GCCTTCTACACTTACATGATGAGCCATGCGGCGGCCGCGGGCGGCCTGCCCTACCCCTTCCCATCGCAC CTGCCCCTGCCCTACTACTCGCCGGTGGGCCTGGGCGCCGCATCCGCCGCCTCCGCCGCCGCCTCGCCC TTCAGCGGCTCGCTGCGCCCGCTCGACACGTTCCGCGTGCTGTCGCAGCCCTACCCGCGGCCCGAACTG CTGTGCGCCTTCCGCCACCCGCCGCTCTACCCCGGGCCCGCGCACGGACTGGGCGCCTCTGCCGGCGGC CCCTGCTCCTGCCTCGCCTGTCACAGCGGCCCGGCCAACGGGCTGGCGCCCCGGGCTGCCGCCGCCTCG GACTTCACCTGTGCCTCCACCTCCCGCTCGGACTCCTTCCTCACCTTCGCGCCCTCGGTGCTCAGCAAG GCCTCCTCCGTCGCGCTGGACCAGAGGGAGGAGGTGCCCCTCACTAGATAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI

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ACCN:	NM_001989
Insert Size:	1224 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:	This clone may be unstable or toxic at high copy number in common E. coli strain. We recommend using a lower copy number E. coli strain, such as CopyCutter strain (http://www.epibio.com/item.asp?ID=435) for transformation and plasmid preparation. Please be aware that the DNA yield could be low. Additional aliquots of this clone can be ordered from OriGene.
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_001989.4
RefSeq Size:	3104 bp
RefSeq ORF:	1224 bp
Locus ID:	2128
UniProt ID:	P49640
Cytogenetics:	7p15.2
Protein Families:	ES Cell Differentiation/IPS
MW:	42.4 kDa
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] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.