

Product datasheet for **SC336586**

IRX4 (NM_001278632) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IRX4 (NM_001278632) Human Untagged Clone
Tag: Tag Free
Symbol: IRX4
Synonyms: IRXA3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC336586 representing NM_001278632.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCTACCCGAGTTTGGATACCCCTACTCCTCGGCTCCCCAGTTCTTGATGGCCACCAACTCCCTG
AGCACGTGCTGCGAGTCCGGAGGCCGACGCTGGCGGACTCCGGGCCCGCCGCTCGGCCAGGCGCCG
GTCTACTGCCCGGTCTACGAGAGCCGGTGTGGCCACCCGCGCCACGAGCTCAACTCGGCCGCGGCG
CTGGGCGTCTATGGGGTCCCTATGGCGGATCGCAGGGCTATGGCAACTACGTGACCTACGGCTCGGAG
GCGTCCGCTTCTACTCGCTGAACAGCTTTGATCCAAGGATGGTTCGGGATCTGCGCATGGGGCCTG
GCACCAGCCGCTGCCGCTACTACCCTACGAGCCAGCTCTGGCCAGTACCCCTATGACAGGTATGGA
ACCATGGACAGCGCACGCGGCCAAGAACGCCACGCGGAGACCACGACGCTCAAGGCCTGGCTG
CAGGAGCACCGCAAGAACCCTACCCACCAAGGGCGAGAAGATCATGCTGGCCATCATACCAAGATG
ACCCTCACACAGGTCTCCACCTGGTTCGCCAACGCGCGCCGCGCCTCAAGAAGGAGAACAAGATGACG
TGGCCCGCCGCGGAACAAGTGCAGACGAGAAGCGGCCCTACGCGGAGGGCGAGGAGGAGGGGGGC
GAGGAGGAGGCGGGGAGGAGCCCTCAAGAGCTCCAAGAACGCAGAGCCGCTGGGCAAAGAGGAGAAG
GAGCTGGAGCTTAGTGACTTGGACGACTTCGACCCGCTGGAAGCAGAGCCGCGGCGTGCAGCTGAAG
CCGCCCTTCCACTCCCTGGACGGCGTCTGGAGCGGTCCCGCCGCGCCGACGCGCCGCTCAAGGAG
GCCTCAGGCGCGCTCCGGATGTCTTGGCCGCGGTGGCGGAGCTGCTCTGGACGAGGACCTGGAGAGG
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GTCTGCGAGGCCAAGCTGGGTTTGTGCCGCGGGGGCGTCCGACAGGCTGAGGCTAAGCCGCGCATC
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TGGGTGGACGGGTCTTCCAGACCCCATCCTCAGGCACAGCACTTTGAACCAGGCTGGGCCACCGCC
AAGGGCGCCCTCCTGGACCCCGGCCCTCTGGACGCTCGTGGGGCGGGCGCAACGTGCTGACTGCA
CCCTGGCCCGCGCTTCCGCTGCGGTGCCAGGACGCCAGCTGCAGGCGCCGACGAGGAGCTG
CTGCCCTGCCAAGGCCGGCGCAACCCCTTCTGCGCC TGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001278632
Insert Size: 1560 bp



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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).
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_001278632.1</u>
RefSeq Size:	2328 bp
RefSeq ORF:	1560 bp
Locus ID:	50805
UniProt ID:	<u>P78413</u>
Cytogenetics:	5p15.33
MW:	54.4 kDa
Gene Summary:	<p>Likely to be an important mediator of ventricular differentiation during cardiac development. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR and lacks an alternate internal exon compared to variant 4. It encodes isoform b which is shorter than isoform a. 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.</p>