

Product datasheet for **SC305109**

IRX1 (NM_024337) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IRX1 (NM_024337) Human Untagged Clone
Tag:	Tag Free
Symbol:	IRX1
Synonyms:	IRX-5; IRXA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-MluI
ACCN:	NM_024337
Insert Size:	1443 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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_024337.3</u>


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RefSeq Size: 1858 bp

RefSeq ORF: 1443 bp

Locus ID: 79192

UniProt ID: [P78414](#)

Cytogenetics: 5p15.33

MW: 49.6 kDa

Gene Summary: This gene encodes a member of the Iroquois homeobox protein family. Homeobox genes in this family are involved in pattern formation in the embryo. The gene product has been identified as a tumor suppressor in gastric (PMID: 21602894, 20440264) and head and neck cancers (PMID: 18559491). A pseudogene of this gene is located on chromosome 13. [provided by RefSeq, Dec 2011]