

Product datasheet for **SC303657**

MNX1 (NM_005515) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MNX1 (NM_005515) Human Untagged Clone
Tag: Tag Free
Symbol: MNX1
Synonyms: HB9; HLXB9; HOXHB9; SCRA1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_005515 edited
 ATGGAAAAATCCAAAAATTTCCGCATCGACGCCCTGCTGGCGGTGGACCCCCACGAGCC
 GCCTCTGCGCAGAGCGCGCCGCTGGCCTTGGTCACGTCGCTCGCCGCCGCGCATCTGGC
 ACCGGAGGTGGCGGCGGGCGGGCGAGCGGGGACTAGCGGCAGCTGCAGCCCC
 GCGTCCTCGGAGCCGCCGCTGCGCCCGCCGACCGCTGCGCGCCGAGAGCCCGTGGCCG
 CCGCGCCTGCTGGCCGCGCACTGCGCGCTGCTGCCAAGCCGGGTTCTGGGCGCGGGC
 GGCGGGCGGCGGCACGGGCGGCGGGCACGGGGGCCACCACCACGCGCATCCGGGC
 GCAGCGGGCGCTGCCGCCCGCCGCGCCGCGCCGCGCTGGGGCCTGGCGTGGGG
 CTGCACCTGGGGCGCGCAGGGCGGCGGGCCTCCCGCGCAGGCGGCGCTACGGC
 CACCCGGTCTACGGCTACTCCGCGGCGGCGGCGGCTGCGCTGGCGGGCCAGCACCCG
 GCGCTCTCTACTCGTACCCGCAGGTGCAAGGCGCGCACCCCGGCACCCCGCCGACCC
 ATCAAGCTGGGGCGCCGACCTTCCAGCTGGACAGTGGCTGCGCGCTCCACCGCGGGC
 ATGATCCTGCCTAAGATGCCGACTTCAACTCCCAGGCGCAGTGAACCTCCTGGGGAAG
 TGCCGCGGCGCGCACCGCCTTACCAGCCAGCAGCTGCTGGAGCTGGAGCACCAGTTC
 AAGCTCAACAAGTACCTGTGCGGCCCAAGCGCTTCGAGGTGGCCACCTCGCTCATGCTC
 ACCGAGACCCAGGTGAAGATTTGGTTCCAGAACCGGCGGATGAAATGGAAACGCAGCAA
 AAGCCAAAGAGCAGGCGGCGCAGGAAGCGGAGAAACAGAAGGGCGGCGGGGGCGCG
 GGAAGGGCGGCGGAGGAGCCGGGAGCCGAGGAGCTGCTGGGGCCCGCAGCGCCGGA
 GACAAGGGCAGCGGACCGCCCTGCGGGACTTGAGGGACAGTGACCCCGAGGAGGACGAG
 GACGAGGACGACGAGGACCATTTCCCTACAGCAACGGCGCCAGCGTCCACGCGCCTCC
 TCCGACTGCTCCTCGGAGGACGACTCGCCGCCCCGCGGCCAGCCACCAGCCCGCGCCC
 CAGTAG

Restriction Sites: Please inquire
ACCN: NM_005515
Insert Size: 1500 bp



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OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	It is not a variant.
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_005515.2 , NP_005506.2
RefSeq Size:	2061 bp
RefSeq ORF:	1212 bp
Locus ID:	3110
UniProt ID:	P50219
Cytogenetics:	7q36.3
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Protein Pathways:	Maturity onset diabetes of the young
Gene Summary:	<p>This gene encodes a nuclear protein, which contains a homeobox domain and is a transcription factor. Mutations in this gene result in Currarino syndrome, an autosomic dominant congenital malformation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>