

Product datasheet for **MC203658**

Uncx (NM_013702) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uncx (NM_013702) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uncx
Synonyms:	Chx4; Uncx4.1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC051973
 CCGGCCCTGTCCCCGCCCGTCCGCGCCCCCGCCCCGACCCCCGCGCGAGATGATGGACGGT
 CGCCTCTGGAGCACCCGCATGCCAGTTCCGGGGCTCGCTGGGCGGCGTGGTGGGCTTCCCCTACCCG
 TGGGCCACCACCGTGTACGAGCTGGCCGGTACCAGCTGCAGTCGGCCGCCCGCCGCTGCCGCGG
 CTCGGTGCCTTCTCCATCGACGGCTGCTCAGCGGCTCGTGCCTGCAGCCGCCCTCGTGGTCAAC
 CCCACGCCGCTGCTGCCGGTCCCTGCGGGTGGCCGGCAAAGCCAGCCCTTCAAGCTGCAGACTGG
 GGTCCAGACAAGGAGAGCCCCGGTGAACCGGAGACGCCACCCGCACCACTTTACCGCTGGCAGT
 GGAGGAGCTGGAGAAGGGTTCAATGAGAGCCACTACCCGGACGTGTTTATGCGCGAGGCGCTGGCCTG
 CGCTGGACCTGGTTCAGTCCCGAGTTCAGGTCTGGTTCCAAAATCGCCGGGCCAAATGGAGAAAGAGG
 AGAACACCAAAAAGGGCCCTGGCCGGCCGCCACAACCTGCACCCGACCACGTGCAGCGGGGAGCCAT
 GGACCCAGAGGAGATCGCTCGCAAGGAAGTGGAGAAGTGGAGAAGAAGAAACGCAACACGAGAAGAAA
 CTGCTCAAGAGTCAGAGCCGCCACTGCACTCGCCGGTGGCCTGTCCCTGCACAGCGCGCCAGCTCCG
 ACAGCGACAGCGTGGCGGAGGCTGTCTCCAGAGCCACCCGAGCCGCCACCGCCAGCCCGCGGCCAA
 GGGTCTGGAGCGCACGGCTCTGGCATCGCGGTTCCGCTCCGGTACCTCTGGCGAGCCACCCGCGCT
 GGCACCTGCGATCCCGCTTCTACCCGAGCCAAAGAAGCGCGCGGCTCGCAGCCACGGCTAGGTCCG
 CGCGGACAAGGACACGCTCCCTTGCGGGCTGGAGCGCGGCGACTGCGGGCTGCCTAAGGCTAGCCC
 GTTCAGCGTGGAGAGCTGCTGTCCGACTCGCCACCGCGCCGAAAGCCACCCAGCCAACGCTGCGGCC
 ACTGCGGGGCTGGACTTACGCCGGGGTCCGCTGTGCACCTCGGACCCTGATTGGCAAGGGCCACTTCT
 TGCTTACCCCATCACGACGCCCTGGGTTTCTAGTGCCACAGGCGAGCGCTCAAGGGCGGAGCGGGCCC
 TGAATTGGTGCCCAAGGACGCGCCGCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCG
 GGGACCTTCCCGGACCTGGTGGCGTGCAGCCCGGCTCGCCCGTGCAGCCCTGAGGTTGTGCT
 CTCCCGGGCCACCCGCTCCGCTTCTTCCGGGACCTAACAGCGCGGCTGCCGAGAGCGGTGCCGGGA
 CTGCGCGGACGTGGGACCGTCTGCCCGCGGCTCGCCGCCCGCCCGCCCGCCCGCCCGCCCGCCCG
 GGCCCTAGAGCCCCAGCCACCCGCGGAGCCAGCCACTTGCGGGCGCGCTGAGCCGGGCGCTGCTACGG
 GACCCAGCCCTCCGAGGCGGAGGAGTGGACATGGACTGAGCTGGGACCGCGGCTGGAAGATGCGCTT
 AGCCAGTCGAGCCCACTCACTCAGCCCCAGACTCCCAACGAATCAGGTGATCGGCTCTTAGAGACATTGC
 TTTTCCCTCTTGCTTTTTGTTTTCTTCTTTTATTATTATTTTTAAAGGCAAAACGAAAACGCTGTGCGA
 TGGGGACCAAGGCGGAGCTGCTGGTCTGGGGTGGGTTCCCTCCTCGGAGGGATCAAAAAACCCCAT
 ATCCCCTAACAAAAAC
 CACAACGAGAATCCTCAGCCTTGTAATAATGCAAAAATGTCTAAGAATATTTATATATGTACCATTTTTTA
 TAAATAAAGCTGATCAAACGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_013702

Insert Size: 1593 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).

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: [BC051973](#), [AAH51973](#)

RefSeq Size: 2069 bp

RefSeq ORF: 1593 bp

Locus ID: 22255

UniProt ID: [O08934](#)

Cytogenetics: 5 78.75 cM

Gene Summary: Transcription factor involved in somitogenesis and neurogenesis. Required for the maintenance and differentiation of particular elements of the axial skeleton. May act upstream of PAX9. Plays a role in controlling the development of connections of hypothalamic neurons to pituitary elements, allowing central neurons to reach the peripheral blood circulation and to deliver hormones for control of peripheral functions.
[UniProtKB/Swiss-Prot Function]