

## Product datasheet for **MC212543**

### **Mkx (NM\_177595) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mkx (NM\_177595) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mkx  
**Synonyms:** 9430023B20Rik; lrx11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212543 representing NM\_177595  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAACACCATCGTCTTCAACAAGCTCGGGGGAGCCGTGCTTTTTGAAGACCGAGGCACTCCAGATCGGG  
AACGTGGCAGCCGACGTTTCAGTGGTTTCTGGACAATCCACACAGGGCCGGAGTGGGCATACCAGA  
CGGCCCGCCCTCAAGGACAACCTCAGCCTGAGACACCGGAGGACAGGGCCCGCAGAATGGAGGGAAG  
GTAAGGCATAAGCGACAGGCCCTGCAAGACATGGCGCGTCTCTTAAGCAGTGGCTTTACAAGCACCGTG  
ACAACCCGTACCTACGAAGACTGAGAAGATACTTGGCCCTAGGCTCGCAGATGACGCTAGTGCAGGT  
GTCAAATTGGTTCGCTAATGCTAGACGTCGGCTGAAGAACAAGTGTCCGGCAGCCAGATTTAAGTTGGGCC  
TTAAGAATAAAGTTATACAACAAGTATGTTTCAGGGCAACGCTGAACGGCTGAGTGTGAGCAGCGATGGCG  
ACTCCTGCTCTGAAGATGGAGAAAATCCCCAAGAAATCATGAACGAAGAAGGCTACAGCACCCCCGC  
CCACCACACTGTGATTAAGGGGAAAGCTCAGCGATAAAAGCTGGCGGCAGACCGGAGTCGAGGGCTGCC  
GAGGATTATGTGCACCGCCCAAGTATAAGAGCAGCTTGTGAACCGTTACCTTAACGACTCCTTTGAGAC  
ATGTCATGGCCACCAGCACTGCCATGATGGGGAAAACAAGCGAAGGAACCATTCGGGGTCTTTTAGCTC  
CAACGAATTTGAAGAAGAGTTGGTGTCTCCATCATCATCAGAACTGAAGGCACCTTTGTCTATCGCACA  
GACACCCCGGACATCGGATCTACTAAGGGTGACAGTGCTGCTAACAGAAGGGGACCAAGCAAGATGACA  
CATACTGGAAGGAGATCAATGCAGCCATGGCCTTAACAAACCTTGCCCAAGGAAAAGATGAAGTGCAGGG  
GACGACCACAGTTGCATCATCCAGAAGTCTCCACATAGCAGAAGTAAAGACAGTCAAGCTGCCACTG  
GTGCAGCGCTT**C****A****G**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177595



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<b>Insert Size:</b>	1065 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_177595.4</a></u> , <u><a href="#">NP_808263.2</a></u>
<b>RefSeq Size:</b>	3201 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	210719
<b>UniProt ID:</b>	<u><a href="#">Q8BIA3</a></u>
<b>Cytogenetics:</b>	18 4.53 cM
<b>Gene Summary:</b>	May act as a morphogenetic regulator of cell adhesion. Participates in the early events that lead to differentiation.[UniProtKB/Swiss-Prot Function]