

## Product datasheet for **SC330005**

### Mohawk homeobox (MKX) (NM\_001242702) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mohawk homeobox (MKX) (NM\_001242702) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mohawk homeobox  
**Synonyms:** C10orf48; IFRX; IRXL1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330005 representing NM\_001242702.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAACACCATCGTCTTCAACAAGCTCAGCGGTGCGGTGCTGTTTGAGGACGGAGGCGCCTCGGAGCGG
GAGCGGGGTGGCCGGCCCTACAGCGGTGCTCTGGACAGTCCTCACGCCGCCCGAGGTGGGCATTCCC
GACGGCCCGCCCTCAAGGACAACCTCGGCCTGAGACACCGGAGGACCGGCGCCCGCAGAATGGCGGG
AAGGTGAGGCACAAGCGGCAGGCCCTGCAAGACATGGCGGACCCCTCAAGCAGTGGCTTTACAAGCAC
CGTGACAACCCGTACCCACCAAGACCGAGAAGATACTCTGGCCCTCGGCTCGCAGATGACGCTAGTG
CAGGTGTCAAATTTGGTTTGCTAATGCAAGACGTGCGCTTAAGAATACCGTTCGACAGCCAGATTTAAGC
TGGGCTTTGAGAATAAAGTTATACAACAAGTATGTTCAAGGCAATGCTGAACGGCTTAGCGTAAGCAGT
GATGACTCATGTTCTGAAGATGGAGAAAATCCTCCAAGAACCACATGAACGAAGGGGGCTATAATACC
CCAGTTACCATCCTGTGATTAAAAGTGAGAATTCGGTCATCAAAGCGGGAGTGAGGCCAGAGTCACGG
GCCAGTGAGGACTACGTGGCACCCCAATAACAAGAGCAGCTTGTTGAACCGTTACCTTAATGACTCT
TTGAGACATGTCATGGCCACGAACACTACCATGATGGGAAAAACAAGGCAAGAAACCACTCGGGATCT
TTAGCTCCAATGAATTTGAGGAAGAATTAGTGTCTCCATCGTCATCAGAACTGAAGGCAACTTTGTC
TATCGCACAGACTCTGAAAACGGATCCAATAAGGGTGAAGCGCAGCTAACAGAAAAGGACCAAGC
AAGGATGACACGTATTGGAAGGAGATCAACGCAGCTATGGCCTTAACAAATCTTGACAGGAAAGGAC
AAACTGCAGGAACTACCAGCTGCATCATCCAGAAGTCGCCATATAGCAGAAGTAAAGACTGTCAA
GTGCCGCTGTCAGCAGTTTAA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001242702  
**Insert Size:** 1059 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).



[View online »](#)

<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>	<a href="#">NM_001242702.1</a>
<b>RefSeq Size:</b>	3655 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	283078
<b>UniProt ID:</b>	<a href="#">Q8IYA7</a>
<b>Cytogenetics:</b>	10p12.1
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	39.3 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is an IRX family-related homeobox protein that may play a role in cell adhesion. Studies in mice suggest that this protein may be a regulator of tendon development. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Jun 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>