

## Product datasheet for **SC121024**

### **MORN2 (NM\_194270) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MORN2 (NM_194270) Human Untagged Clone
Tag:	Tag Free
Symbol:	MORN2
Synonyms:	MGC107136; Mopt; MOPT, BLOCK27, MGC126130, MGC126131, MGC126132; MORN repeat containing 2; protein containing single MORN motif in testis
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_194270, the custom clone sequence may differ by one or more nucleotides

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ATGAATGGTTTTGGAAGACTTGAGCATTTTTTCAGGAGCAGTATATGAAGGACAATTTAAGGATAATATGT  
TTCATGGACTGGGGACTTACACATTCCTCAAATGGGGCAAAGTATACTGGAAATTTCAATGAAAATAGGGT  
GGAAGGTGAAGGGGAATATACTGATATCCAAGGACTAGAATGGAGTGGTAACTTTTCATTTTACAGCTGCT  
CCAGACCTGAAATTAAGCTTCACATGTAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_194270 unedited AGGCGGCCCGGAATTCGCACGAGGCCCCAGCAACCAAGTCGCACCTGGAGCTGTCCTAG CGCCTAGTTCTCTCCCGGCCGACAGACTGGCCGCCAGGGGGAGTCGCAGAGTTTGGAA ATCTCTTAACACCTCTCGGCCAACTTCAGAAGTGATAAGATCAGCTTTATCTTTCCAA ATGGAGACAAGTATGATGGTGACTGTACAAGAACATCTTCTGGAATCTACGAGAGAAATG GAATAGGTATTCATACCACTCCTAATGGGATTGTCTACACAGGAAGCTGGAAAGATGACA AGATGAATGGTTTTGGAAGACTTGAGCATTTTTTCAGGAGCAGTATATGAAGGACAATTTA AGGATAATATGTTTCATGGACTGGGGACTTACACATTCCCAAATGGGGCAAAGTATACTG GAAATTTCAATGAAAATAGGGGAAGTCAAGCCTCTCTACTGCTTCTTTTTATAACCTTTA AGTTAATTCAGAACCAGATAAGCCTTGATCTGAGGATGATATAACCACCGCAAGCAACA TGGGAACTTCTAGAGAAAACAAGAAGACGACTTCAAAAAACATGCTGTGATGTCTCCAG TGGAGACAGGGCACGAGGTGCAGGGAAGAGGAGGTGGCCTGAGCCAGGACGATGAGGATG CCATGTTGAAGAATAAGCTGGAGAAAGAGAAAAGTACCGGCACTATGGNAAAAACCANNAC ANAGCANGGAGAGAATGAACATATGCCGGTGAATAATCCTTNCACGCAGATTTACCAGT TGCAGGCCCTACCTCCGAACCTAAAACGGTTTTACAGAAGCCCATGCAGAAGTGTNCA GAATTCACATGGAGAATATGCCTTGGAAAAAAGGTNANAGCTGCANATGTCCATGGAAA ANNAAGTCTGAGATGAGAATCATTAACTATTCAGGA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_194270
<b>Insert Size:</b>	1600 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>NM_194270.1, NP_919246.1</u>
<b>RefSeq Size:</b>	694 bp
<b>RefSeq ORF:</b>	240 bp
<b>Locus ID:</b>	378464
<b>Cytogenetics:</b>	2p22.1