

## Product datasheet for **SC320502**

### **MOXD1 (NM\_015529) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MOXD1 (NM_015529) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOXD1
Synonyms:	dj248E1.1; MOX; PRO5780
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_015529.2  
 CTCCTCGTTCTGCTCCTCACTCCCCAGCGGCTGGAGGCCGGTACCGGCCGGCAGGAGGCG  
 CCCGAGGATGTGCTGCTGGCCGCTGCTCCTGCTGTGGGGGCTGCTCCCCGGGACGGCGGC  
 GGGGGGCTCGGGCCGAACCTATCCGCACCGGACCCTCCTGGACTCGGAGGGCAAGTACTG  
 GCTGGGCTGGAGCCAGCGGGGACGCCAGATCGCCTTCCGCCTCCAGGTGCGCACTGCAGG  
 CTACGTGGGCTTCGGCTTCTCGCCCACCGGGGCCATGGCGTCCGCCGACATCGTCGTGGG  
 CGGGGTGGCCACGGGGCGCCCTACCTCCAGGATTATTTTACAAATGCAAATAGAGAGTT  
 GAAAAAAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAAAAATAGCACACACAC  
 AATAATTGAATTTACCAGAGAGCTGCATACATGTGACATAAATGACAAGAGTATAACGGA  
 TAGCACTGTGAGAGTGATCTGGGCTACCACCATGAAGATGCAGGAGAAGCTGGTCCCAA  
 GTACCATGACTCCAATAGGGGCACCAAGAGTTTGGCGTTATTGAATCCTGAGAAAAGTAG  
 TGTGCTATCTACAGCCTTACCATACTTTGATCTGGTAAATCAGGACGTCCCCATCCCAAA  
 CAAAGATAACAATATTGGTGCCAAATGTTAAGATTCTGTGTTCCAAGAAAAGCATCA  
 TGTAAATAAAGGTTGAGCCAGTGATACAGAGAGGCCATGAGAGTCTGGTGCACCACATCCT  
 GCTCTATCAGTGCAGCAACAACCTTAAACGACAGCGTTCTGGAGTCCGGCCACGAGTGCTA  
 TCACCCCAACATGCCCGATGCATTCCCTCACCTGTGAAACTGTGATTTTTGCCTGGGCTAT  
 TGGTGGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAGA  
 TCCGCATTATGTGCTCCTAGAAGTCCATTATGATAATCCCACTTATGAGGAAGGCTTAAT  
 AGATAATTCTGGACTGAGGTTATTTTACACAATGGATATAAGGAAATATGATGCTGGGGT  
 GATTGAGGCTGGCCTCTGGGTGAGCCTCTTCCATACCATCCCTCCAGGGATGCCTGAGTT  
 CCAGTCTGAGGGTCACTGCACCTTGGAGTGCCTGGAAGAGGCTCTGGAAGCCGAAAAGCC  
 AAGTGGAAATTCATGTGTTGCTGTTCTTCTCCATGCTCACCTGGCTGGCAGAGGCATCAG  
 GCTGCGTCATTTTCGAAAAGGGAAGGAAATGAAATTAATTGCTATGATGATGATTTTGA  
 CTTCAATTTCCAGGAGTTTCAGTATCTAAAGGAAGAACAACAATCTTACCAGGAGATAA  
 CCTAATTACTGAGTGTGCTACAACACGAAAGATAGAGCTGAGATGACTTGGGGAGGACT  
 AAGCACCAGGAGTGAATGTGTCTCTCATACTTCTTTATTACCCAAGAATTAATCTTAC  
 TCGATGTGCAAGTATTCCAGACATTATGGAACAACCTTCAGTTCATTGGGGTTAAGGAGAT  
 CTACAGACCAGTACGACCTGGCCTTTCATTATCAAAAAGTCCCAAGCAATATAAAAACCT  
 TTCTTTTATGGATGCTATGAATAAGTTTAAATGGACTAAAAGGAAGGTCTCTCCTTCAA  
 CGAGCTGGTCTCAGCCTGCCAGTGAATGTGAGATGTTCCAAGACAGACAATGCTGAGTG  
 GTCGATTAAGGAATGACAGCATTACCTCCAGATATAGAAAGACCCTATAAAGCAGAACC  
 TTTGGTGTGGCACGTCTTCTTCTTCCCTGCACAGAGATTTCTCCATCAACTTGCT  
 TGTTTTGCCTTCTGCTACTCAGCTGCACGCTGAGCACCAGAGCTTGTGATCAAAAATTCTG  
 TTGGACTTGACAATGTTTTCTATGATCTGAACCTGTCAATTTGAAGTACAGGTTAAAGACT  
 GTGTCCACTTTGGGCATGAAGAGTGTGGAGACTTTTCTTCCCCATTTTCCCTCCCTCCTT  
 TTTCTTTCCATGTTACATGAGAGACATCAATCAGGTTCTTCTTCTTTCTTAGAAATAT  
 CTGATGTTATATACATGGTCAATAAAAATAAAACTGGCCTGACTTAAGATAACCATTTT  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_015529

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<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_015529.2</a></u> , <u><a href="#">NP_056344.2</a></u>
<b>RefSeq Size:</b>	3039 bp
<b>RefSeq ORF:</b>	1842 bp
<b>Locus ID:</b>	26002
<b>UniProt ID:</b>	<u><a href="#">Q6UVY6</a></u>
<b>Cytogenetics:</b>	6q23.2
<b>Domains:</b>	Cu2_monoox_C
<b>Protein Families:</b>	Druggable Genome