

## Product datasheet for **SC318053**

### **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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC318053 representing NM\_015529.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTGCTGCTGGCCGCTGCTCCTGCTGTGGGGCTGCTCCCGGGACGGCGGGGGGGCTCGGGCCGA
ACCTATCCGCACCGGACCCTCTGGACTCGGAGGCAAGTACTGGCTGGGCTGGAGCCAGCGGGGCAGC
CAGATCGCCTCCGCCTCCAGGTGCGCACTGCAGGCTACGTGGGCTTCGGCTTCTCGCCACCGGGGCC
ATGGCGTCCGCCGACATCGTCGTGGGCGGGGTGGCCACGGGCGGCCCTACCTCCAGGATTATTTTACA
AATGCAAATAGAGAGTTGAAAAAGATGCTCAGCAAGATTACCATCTAGAATATGCCATGGAAAATAGC
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AGCACTGTGAGAGTGATCTGGGCTACCACCATGAAGATGCAGGAGAAGCTGGTCCCAAGTACCATGAC
TCCAATAGGGGCACCAAGAGTTTGGGTTATTGAATCCTGAGAAAAGTGTGTCTATCTACAGCCTTA
CCATACTTTGATCTGGTAAATCAGGACGTCCCATCCAAACAAGATAACAATATTGGTGCCAAATG
TTTAAGATTCTGTGTTCCAAGAAAAGCATCATGTAATAAAGTTGAGCCAGTGATACAGAGAGGCCAT
GAGAGTCTGGTGACCACATCCTGCTCTATCAGTGCAGCAACAACCTTAAACGACAGCGTTCTGGAGTCC
GGCCACGAGTGCTATCACCCCAACATGCCCGATGCATTCTCACCTGTGAACTGTGATTTTTGCCTGG
GCTATTGGTGGAGAGGGCTTTTCTTATCCACCTCATGTTGGATTATCCCTTGGCACTCCATTAGATCCG
CATTATGTGCTCCTAGAAGTCCATTATGATAATCCCACTTATGAGGAAGGCTTAATAGATAAATCTGGA
CTGAGGTTATTTACACAATGGATATAAGGAAATATGATGCTGGGGTATTGAGGCTGGCCTCTGGGTG
AGCCTCTTCCATACCATCCCTCCAGGGATGCCTGAGTTCAGTCTGAGGGTCACTGCACCTTTGGAGTGC
CTGGAAGAGGCTCTGGAAGCCGAAAAGCCAAGTGAATTCATGTGTTTGTGTTCTTCTCCATGCTCAC
CTGGCTGGCAGAGGCATCAGGCTGCGTCATTTTCGAAAAGGGAAGGAAATGAAATTAATCTGCCTATGAT
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AACCTAATTAAGTGTGCTACAACACGAAAGATAGAGCTGAGATGACTTGGGAGGACTAAGCACC
AGGAGTGAATGTGCTCTCATACCTTCTTTATTACCAAGAATTAATCTTACTCGATGTGCAAGTATT
CCAGACATTATGGAACAACCTCAGTTCATTGGGGTTAAGGAGATCTACAGACCAGTCACGACCTGGCCT
TTCATTATCAAAGTCCCAAGCAATATAAAAACCTTTCTTTTCATGGATGCTATGAATAAGTTTAAATGG
ACTAAAAGGAAGGTCTCTCCTCAACAAGCTGGTCTCAGCCTGCCAGTGAATGTGAGATGTTCCAAG
ACAGACAATGCTGAGTGGTGGTCAAGGAATGACAGCATTACCTCCAGATATAGAAAGACCTATAAAA
GCAGAACCTTTGGTGTGGCAGCTCTTCTTCTTCCCTGCACAGAGATTTCTCCATCAACTTGCTT
GTTTGCCTTCTGCTACTCAGCTGCACGCTGAGCACCAAGAGCTTGTGA
ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_015529
- Insert Size:** 1842 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).
- 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.
- 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:** [NM\\_015529.3](#)

**RefSeq Size:** 3063 bp

**RefSeq ORF:** 1842 bp

**Locus ID:** 26002

**UniProt ID:** [Q6UVY6](#)

**Cytogenetics:** 6q23.2

**Domains:** Cu2\_monoox\_C

**Protein Families:** Druggable Genome

**MW:** 69.7 kDa