

## Product datasheet for **SC337557**

### **MROH7 (NM\_001291332) Human Untagged Clone**

#### **Product data:**

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | MROH7 (NM_001291332) Human Untagged Clone |
| Tag:                      | Tag Free                                  |
| Symbol:                   | MROH7                                     |
| Synonyms:                 | C1orf175; HEATR8                          |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001291332, the custom clone sequence may differ by one or more nucleotides

```

ATGGAGATCCTGACCCAGCTGAGCCACACCCAGCCCACCCTGGGCATGCGGGAGAGGTGGAGCTGGTGA
ACGTGTGTGTGCACAGCGTGTCTCCCTGCCCTCCGTGCAGGCGATGCAGGAGAAGGACGAGGCCAAGGC
TGAGACCATCCAGGCTCTTTACCATCAGACCCTGGAGGCCCTGCAGACACTGCTCAAAGCCCTCTTTATC
GAGGACCCCACTCCTGCTGGGCTGAAGAGCATCTTGGAGGCCCTGGGGCCTTGGATGAACCTCTGGGAAGG
CCCATGAGCGAGCACGGGCTGTGAACACCAATGTCTCTGTGTTGAACCACATGCTTCTAACTCTGCCTTT
CTTTATGCCCTTGGGGTTCCCGCGCTGGGGCTTCTGCTGGGGAGACTCATCCTTCACATTGGGGATCCT
GATGAGGAGATTGGCTGTGAGGCTCTGGACGGCATCATCATCCTCTACACTATTCTGGAGCTCCAAAAAC
GAGCCAGAGATAAGGAAGAGACCAACAAAAAGGAGCTATATGAGAGCAACAAGCATTTCCTGGGGCCCTA
CAACCCTGTGAGCCCGTGCCAGAACATTCTGCGGGTGATCGAGGAATTTGGAGACTTCTGGGGCCCCAG
CAGATAAAGGACCTGCTGCTGGCCGCCCTGGAAGGGCTGAAAGGCAGCTCAGAGGCTCCAGGGAAGGACT
CCAGGGAGATGATGCAGCTGGCCTCGGAGGTGATGCTCAGCTCGGTGCTGGAGTGTACGCCACAGGGC
GCTGGAGGTGATCCAGAAATCATGCAAGGCATCTACATGCAGCTGAGCCACATCCAGGAGCCTCGGGCC
CGCCAGGTGGCCCTGCTGCCCGTCTCCCTCCTGGCTAGCTCCTTCATGACCGAGGTTGTGGTGGCCCTGC
TCATGTGCCCCCTCCCACTGAACAGCAATGGAGCAGAGATGTGGAGGCAGCTGATACTGTGAAGCCAG
CTGTGATGTCCGAGACCTCCTGGATCTGCTCCTGGGCAGCCTGAAGGAGAAGCCCGTCACCAAGGAGGGC
CGGGCTTCCATCGTGCCCTGGCGGCAGCCAGCGGCTGTGCGAGCTCCTGTCCGTCAACAGCTGCATGG
GCCGTGTGAGGCGCATCTACCCTCAGCTGCTCCTGGCCCTGCTCATTAGGTCCATTACCACATCGGCCCT
CAACCTGCCTGGTGGTGGCTCCTCCCAAGGACACCAAGAAGGGTGCACAGCCCTCTCCCTTCGTACCT
GTGCGCTGGGTGGTGAAGTGGTGAACCCCTGCTACTGAGGATGGGCTGCTCTTATGAGACCACGTTTC
TGGAGGACACAGGTGGCTGGGAGCTCATGGAGCAGGTGGAGAGCCACACCGCGGAGTGGCCTTGTGCGC
AAGGGCCATGGTGCAGTACTCCTGCCAGGAGCTGTGCCGCATCCTCTACCTGCTCATCCCGCTCCTGGAG
CGAGGCGACGAGAAGCACAGGATCACGGCCACCGCCTTCTTCTGGAGCTCCTCCAGATGGAGCAGGTGC
GCCGGATCCCCGAGGAATACTCTCTGGGGCGGATGGCAGAAGGCCTGAGCCACCACGACCCCATCATGAA
GGTGTGTCCATTGAGGCTGGTCACTCCTGGCCCGCAGGTCTGAGAAGACCGCCAAGGTGAAGGCCCTC
CTGCCCTCCATGGTGAAGGGCTGAAGAACATGGATGGGATGCTGGTGGTGAAGCGGTCCACAACCTCA
AGGCTGTCTTCAAGGGGCGGGACCAGAAGCTGATGGACAGTGGGTCTATGTGGAGATGCTGCAGATCCT
GCTGCCGCACTTACGCGACGCACGAGAGGTGTCGCGCTCCTCCTGCATCAACCTGTATGGGAAGGTGGTC
CAGAAGCTTCGGGCACACGCACTCAGGCCATGGAGGAGCAGCTGGTCAGCACCTTGGTGGCCCTACTGC
TGACCATGCAGGAGGGCAACTCCAAGGTAAGCCAGAAGTGTGAAGACCCTGTTACGCTGTTCTTACTT
CATGGCTTGGGAGTTGCCAAAAAGAGCTTATAGCCGGAAGCCCTGGGACAACCAACAGCAGACAGTGGCC
AAAATTTGCAAGTGCCTTGTGAACACCCACCGAGACAGCGCCTTCATATTCCTCAGCCAGAGCCTGGAGT
ATGCCAAGAACTCAGGGGCTCCCTCCGGAAGTGCTCAGTCATGTTTCATAGGGTCCCTGGTCCCCTGCAT
GGAGAGCATAATGACAGAAGATCGTCTGAATGAAGTGAAGCTGCTCTGGATAACTTGAGACATGACCCA
GAAGCATCAGTGTGCATCTACGACAGCCAGGTCCAGGACCACATCCTGGCCAGCTGCTGGCAGAAGTCTCT
GGCTGCCGACGGAAGTCAATGGGTGTGTTACTCAGCCACCAACCGCTGGAGCCCCAGCTGTGAGAA
CCTGCCCACTTCCACACGCGGCTCCTGGATCATGCAGGCACTGGGCTCCTGGAAGATGCTCTGAAG
AAGTGA
  
```

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001291332

**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).

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: | <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> |
| RefSeq:                | <u>NM_001291332.1, NP_001278261.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:           | 3048 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq ORF:            | 2526 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Locus ID:              | 374977                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cytogenetics:          | 1p32.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |