

Product datasheet for **SC308527**

MROH5 (NM_207414) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MROH5 (NM_207414) Human Untagged Clone
Tag:	Tag Free
Symbol:	MROH5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308527 representing NM_207414. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
 ATGGACAGGCAGTGTTCTGAAAGGCCATACAGCTGCACCCCGACGGGTAGAGTGTGTCGTCAGCCGTGTCC
 CAAAACTCCAGAACTCTCCCCCTGTCTCCACATCCATGAAGGACTCATCTTGCATGAAGGTACACCA
 GACTCTGCCCCGAGGGACAGATGGTCACACCCACCCACCATCTGCTTCAAGTCGACAGCAGCCAG
 GCCACACTGATGCTACAGGAGCAGAGATGTTTCATGGGGGAAGCCTACAGTGCAGCCACCGGCTTCAAG
 ATGCTGCAGGACATGAACAGTGTGACCCCTTCCACTTGAAGTACATCATCAAGAAGATCAAGAACATG
 GCTCATGGCTCCCCAAGCTGGTGATGGAACCATCCAGCACTACTTCATAGACAACCCAGAGATCTCC
 AGCAGGCACAAAGTTCCGGCTGTTCCAGACCCTGGAGATGGTCATCGGGGCCAGTGACGTCCTGGAGGAG
 ACCTGGGAGAAAACTTTACACGGCTCGCTCTGGAGAACATGACCAAGGCCACGGAGCTGGAAGACATA
 TACCAGGACGCGGCCAGCAACATGCTGGTGGCCATCTGCAGGCACTCGTGGCGGGTGGTGGCGCAGCAT
 CTGGAGACGGAGCTCTGACGGGCTCTCCACACAGAAGCCTCCTCTACGTGATGGGCGTCTGTCC
 TCCAGCGAGGAGCTCTTCCAGCAGGAAGACAAGGCCTGCTGGGAAGAGCAACTGATCCAGATGGCCATC
 AAGTCAGTCCCGTCTCTGAGCACGGATGTGTGGTCCAAGGAGCTGCTGTGGACACTACCACGCCAGC
 TGGACCAACAGGAGCAGTCCCCTGAGAAGCCTTCTGTTTACCTACTATGGGCTAATCCTTCAAGCT
 GAAAAAACGGTGCCACGGTCAGGAGACACCTGCAAGCCCTCCTGGAAACATCCACCAAGTGCCCAAG
 CAGAGGGAGGGCATGGCTCTGACCTTGGGGCTGGCGGCCACACGCCACCTGGATGACGTCTGGGCCGTC
 CTGGACAGTTTGGCAGGAGCAGGCCCATCAGATGGAGTCTCCCAAGCTCCTCCCAAGAACTCGGAG
 GACCTGCGCTGGAAATGGGCCAGCAGCACCATCCTCCTGGCATACGGCCAGGTGGCAGCCAAAGCCCG
 GCCACATCCTCCCGTGGGTGGACAACATCGTGTCCAGGATGGTCTTCTACTTCCACTACAGCTCTTGG
 GACGAGACCTGAAGCAGAGCTTCTCAGACCCCTGATGCTGATGGGTGCGGTGAGCCGGAGTGAG
 GGCGCCACAGCTACGAGTCTTCCAGACCTCTGAGCTCCTCCAGTGTCTGATGGTTTTGATGGAGAAG
 GAGCCCCAGGACACTCTGTGCACGCGGAGTCGCCAGCAGGCCATGCACATCGCGTCCAGCCTCTGCAAG
 CTGAGGCTCCCATAGACTTGGAAAGGAAGTCTCAGCTCCTGTCCACCTGCTTCCGACGCTGTTTGCC
 TGCCCACTGCTGGATGCCCTGGAGAAGCACACCTGCCTCTTCTGGAGCCTCCCAACATCCAGCTGTGG
 CCCGTGGCTCGGGAGCGGCAGGCTGGACGCACCAGGGCTGGGGACCCAGGGCAGTTCTCACTGCTCT


[View online »](#)

GAGCACCTACAGAGCCTGTACAGCAGGACCATGGAGGCGCTGGACTTCATGCTGCAAAGCCTCATCATG
CAGAACCCACCGCCGACGAGCTGCATTTCTGCTGTCGACCTGTACATCTGGCTGGCGTCGGAGAAG
GCGCATGAGCGGCAGCGGCTGTGCACAGCTGCATGATCCTCCTCAAATTCCTGAACCACAATGGCTAC
TTGGACCCAAAAGAGGACTTCAAAGGATTGGGCAATTGGTGGGCATCTGGGGATGCTGTGCCAGGAC
CCAGACAGGGCCACCCAGCGCTGCAGCCTGGAAGGGGCAAGCCATCTCTACCAGCTCTTGATGTCCAC
AAAACAGGAGAAGCTTTGCAGGCAGAATCACAGGCCCCAAGGAGCTCTCCAGGCCCATTCGGACGGA
GCCCCACTCTGGAACAGCAGAGACCAGAAGGCCACTCCCCTGGGCCCCAGGAGATGGCAAAGAACCAC
ATCTTCCAGCTCTGCAGCTTCCAAGTCATCAAGGATATCATGCAGCAGCTCACACTGGCAGAGTTGAGC
GACCTCATCTGGACGGCCATCGACGGCCTGGGCTCCACCAGCCCCCTCCGCGTGCAGGCAGCCTCCGAG
ATGCTGCTCACAGCCGTCCAGGAGCACGGGGCCAAAGCTGGAGATCGTTTCCAGCATGGCCCAGGCCATC
CGCCTCCGCTGTGCTGTGCCATCCGCAAGCCAAGGAAAAGACCTGCACGCCATCACCTGCTG
GCCCCGAGCCACACCTGTGAGCTGGTGGCCACCTTCTGAACATCTCCATCCCCTTGACAGCCACACC
TTCCAGCTGTGGAGGGCCTGGGGGCTGGGCAGCCACGAGCCACCTGGTGTGACCACACTGCTGGCC
TGTCTGCAGGAGCGACCCCTGCCACCGGTGCCAGCGACAGCAGCCCTGCCCAAGGAGAAGACCTAC
CTGCGTTTGTGGCTGCCATGAACATGCTGCACAGCTGCAGTTTGGCCGGAGTTCAAGCAGGCCGTG
CAGGAGGGCTACCCAAAGCTCTTCTGGCCCTCCTCACCCAGATGCACTATGTCTTGGAGCTGAACCTG
CCCAGCGAGCCCCAGCCAAAGCAGCAGGCCCAGGAGGCGCCGTGCCAGCCCCAAAGCTGCAGACG
TCACTGGAGGCACTGAAGAGCCTGCTGTCCACCACGGGGCACTGGCATGACTTTGCCACCTGGAGCTG
CAGGGATCCTGGGAGCTCTTACCACCATCCACACCTACCCGAAGGGCGTGGGCCCTCTTGCCAGGGCC
ATGGTGCAGAACCCTGCAGGCAGATCCAGCGGTGCTGCGTCAGCTGCTGCCAGCCTGCAGAGCCCA
CAGGAGCGTGAGAGGAAGGTGGCCATCCTCATCCTACCAAGTTCTCTACAGCCCTGCTGCTGGAG
GTGTTTCCCAAACAAGCTGCCTTGACCGTGCTGGCACAAGGCCTCCACGACCCAGCCCTGAGGTCCGC
GTGTTGAGTCTGCAGGGCCTAAGCAACATCCTCTTCCACCCAGATAAGGGAAGCCTGCTCCAGGGACAG
CTGCGGCCCTTGTCTGACGGCTTCTTCCAGAGCAGCGACCAAGGTGATCGTGTGATCATGGGCACCGTG
TCAGACACGCTGCACCGCTGGGCGCGCAGGGCACAGGGAGTCAGAGCCTCGGCGTTGCCATCAGACA
CGCTCCTTCTTTAATGACGAGCGGGACGGGATTCGGGCGCGCAGCCATGGCACTGTTGGGGACCTGGTG
GCGGCCATGGCAGACAGGGAGCTGAGCGGCTGCGGACCCAGGTGCACCAGAGCATGGTGCCCTGCTC
CTACACCTGAAGGACCAATGCCAGCTGTGCGCACGCAGGCCAAGTTACCTTCTACCGTGTGCTGTG
CTGCTCCGCTGGCGGCTACTGCACACCCTTCTGACGCTGGCCTGGGAGAGGGCCTCAGCGCCCGC
CACTTCTCTGGACCTGCCTGATGACCCGACGCCAGGAGGAATTCAGCATCCACTTGTACAGGCCCTC
AGCTACCTGCACAGCCACTCCTGCCACATCAAGACCTGGGTGACACTTTCATAGGCCACACCATCTGC
TACCACCCCAAGCCGTGTTCCAGATGCTGAATGCTGTGGACCAACCTGCTGTTCCGCACTTTTGAA
CATCTCAGAAGTGACCCTGAGCCAGCATCCGGGAATTCGCCACCAGCCAGCTCTCCTTCTCCAGAAG
GTGTCGGCCAGACCCAAGCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI

ACCN: NM_207414

Insert Size: 3957 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:	<u>NM_207414.2</u>
RefSeq Size:	4167 bp
RefSeq ORF:	3957 bp
Locus ID:	389690
UniProt ID:	<u>Q6ZUA9</u>
Cytogenetics:	8q24.3
MW:	149.1 kDa