

Product datasheet for **RG222882**

MROH6 (NM_001100878) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MROH6 (NM_001100878) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MROH6
Synonyms:	C8orf73
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG222882 representing NM_001100878
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCTGGGGTGTGTGGGGCCGGAGCCGGGCCCGGAGGCTCCCGTGGGGGCTCTAACCTGACAGCAC
 TGAAGGAATCCGGGCCAGGCAGGGCAGCCCCAGGACCCCTTCCGACGGCCCTCAGCCCAAGTC
 CTGGGAGGTCAAACCTGAGGCTGAGCCACAGACCAGGCACTCACCGCCCTCTGAGGCAGAGCCTGGA
 CGTGGGGCCACCGTCCCTGAAGCTGGCAGCGAGCCCTGCTCCCTCAACAGTGCCTGGAACAGCCCTG
 AGGGGGCCACAGGTTCCCAAGTTCCTGGGAGGAGGAGTCTTGCCGACCTCGCTGTACACGGC
 TGCCTGCTGGAGGAGGCTGGCTTTCAGGGACCCAGGCGACAGTGTACCCCTGTCTCAGCCCTGGAG
 GCGCGGGCGAGCGGTTGGAGGACAGGTGCATGCTCTGGTGGTGGGCTGCTGGCGCAGGTGCCAGCC
 TAGCGGAGGGGAGGCCCTGGAGGGCGGCCCTGCGAGTGTGAGCGCACTGGCCCTGGAGCATGCGCGGA
 CGTGGTGTGTGCGCTGTACCCGCTCTCTGCCGCCGATCGGGTAGCAGCCGAGCTCTGGCGCAGCCTA
 AGCCGTAAACAGCGTGTAAATGGCAGGTGCTGGTGCAACTGCTGTGGGCGCTGAAGGGTCTTCGGGGC
 CGGAGCCCCAGGCACTGGCGGCCACAGTGTCTTGGGGAGATGTGGCTGTTTCGGGCTGCGTGGGAGC
 CACGAGGGGCTTACCCACATCTGCTGCTTGCCTGGTACACAGCTGCACAAGCTGGCCCGCAGCCCG
 TGCTCCCCGACATGCCCAAGATTTGGGTTCTGTCCACCGAGGGCCACCACATAGCCATGCCAGTGTG
 CTGTGGAGGCCTGAAGGCGTGTCTACCGGGGATGGAGGCCGATGGTGGTACGTGCATGGAGCAGGC
 AGGAGGCTGGAGGAGGCTGGTGGGAGCCACACCCACCTGGAGGGCGTCTGTGCTGGCCAGTGTATG
 GTGGCAGATGCCGACACCACTGCGAGGCTCTTCGAGACTTGTCTCCGCTCGGCTTCGAGCGCGGAGC
 ACCCGCAGCGTCTACGGCTATGGCTTCTTCACAGGGCTGTTGCAGAGCCGGCCACCGCAGGCTCCT
 GCGGGAGGAGGTATCCTGGAGCGACTCCTCACCTGGCAGGGAGACCCCGAACCACTGTGCGCTGGTTG
 GGCTGTGGGCTGGGCCACCTCGCGCTGAATCGCAGGAAGGTGCGGCACGTGAGCAGCTGTGCCGG
 CGCTCTGGGCGCACTGGGCGAAGGCGACGCGCGGCTCGTGGGTGCAGCGCTGGGCGCCCTGAGGAGGCT
 CCTGTGCGGCCCCGGGCGCCTGTGCGGCTCTGAGCGCGGAGCTGGGACCGCGCCTCCCTCCGCTACTG
 GACGACACACGGGACTCAATCCGCGCTCGGCCGTCGGGCTCCTGGGACTCTGGTGCGCCGGGGCCGGG
 GCGGGCTCCGGCTGGGGTCCGCGGCCCTGCGGAAGCTGGTGTGAGAGTCTCGTCCGCTGCTGCT
 GCGCCTGCATGACCCAGCAGGACGCTGCTGAGAGCTCAGAGTGGACCCTGGCCGCTGTGACCACGCC
 TTTTGCTGGGGCTGCTGGAGGAGTTGGTACCGTGGCCCACTATGACAGCCCCAGGCCCTGAGCCACC
 TCTGTGCGCGCTGGTTACGATACCCAGGCCAGTGCCCAACTTCCTGAGCCAGACCCAGGGCTACCT
 GCGGAGTCCACAGGACCCCTGCGCCGGGACGCCCGCTGCTTATAGGCTTCCTGTCCACCACGCCAGC
 CCCGGCTGTGTCAACCAGGACCTGCTGGACTCCCTGTTCCAGGACCTAGGGCGACTGCAGAGCGACCCCA
 AGCCGGCTGTGGCCGCGGACGCGACGTGTCCGCTCAGCAGGTGGCGATGCTGGCCCGTGCCCGGGGCTG
 CCCCCGCGGGCCCCGCTTCTCCGATCGCCCCGCGCCCGCGGCCCCACCACTTTCGCGGACAGC
 CCCTTCAGCGCCGAGCGTCGCGGGCGCTGGGGCTGCTCCGGACCCCGCGAGCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG222882 representing NM_001100878
 Red=Cloning site Green=Tags(s)

MAGGVWGRSRAREAPVGALTLTALTEGIRARQQPQGPPSAGPQPKSWEVKPEAEPQTQALTAPSEAEPG
 RGATVPEAGSEPCSLNSALEPAEPGPHQVPQSSWEEGVADLALYTAACLEEAGFAGTQATVLTLSALE
 ARGERLEDQVHALVRGLLAQVPSLAEGRPWRAALRVLSALALEHARDVVCALLPRSLPADRVAAELWRS
 SRNQRVNGQVLVQLLWALKGASGPEPQALAAATRALGEMLA VSGCVGATRGFYPHLLALVTQLHLARSP
 CSPDMPKIWVLSHRGPPSHASCAVEALKALLTGDGGRMVVTCMEQAGGWRRLVGAHATHLEGVLLASAM
 VAHADHHLRGLFADLLPRLRSADDPQRLTAMAFFTGLLQSRPTARLLREEVILERLLTWQGDPEPTVRWL
 GLLGLGHLALNRRKVRHVSTLLPALLGALGEGDARLVGAALGALRRLRLRPAPVRLLSAELGPRLPPLL
 DDTRDSIRASAVGLLGLTVRRGRGGLRLGLRGPLRKLVLQSLVPLLLRLHDP SRDAAESSEWTLARCDHA
 FCWGLLEELVTVAHYDSPEALSHLCCRLVQRYPGHVPNFLSQTQGYLRSPQDPLRRAAVLIGFLVHHAS
 PGCYNQDLLDSLFDLGRQLQSDPKPAVAAAAHVSAAQVAMLARARGCPRGPRLRLIAPRPAPPPVFADS
 PFQRRSVAGRWGCSGPRRA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001100878

ORF Size: 2157 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001100878.2](#)

RefSeq Size: 3251 bp

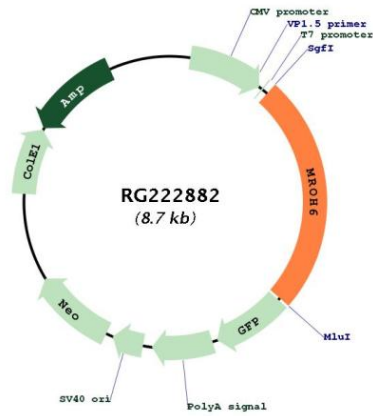
RefSeq ORF: 2160 bp

Locus ID: 642475

UniProt ID: [A6NGR9](#)

Cytogenetics: 8q24.3

Product images:



Circular map for RG222882