

Product datasheet for **SC107317**

TMCO4 (NM_181719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMCO4 (NM_181719) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMCO4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_181719, the custom clone sequence may differ by one or more nucleotides

```

ATGGCCATGTGGAACAGGCCATGCCAGAGGCTGCCTCAGCAGCCTCTGGTAGCTGAGCCACTGCAGAGG
GGGAGCCACACCTGCCCACGGGCCGGGAGCTGACTGAGGCCAACCGCTTCGCCTATGCTGCCCTCTGTGG
CATCTCCCTGTCCAGTTATTTCTGAACCCGAACACAGCTCCTTCTGCACAGAGTTCATGGCAGGCCTG
GTGCAGTGGCTGGAGTTGTCTGAAGCTGTCTTGCCAACCATGACTGCTTTTGCAGCGGCCCTGGGAGGTG
AAGGAGCAGATGTGTTTGTCAAATTTTACTGAAGGACCCCATCTTGAAGGACGACCCGACGGTGATCAC
TCAGGACCTTCTGAGCTTCTCACTCAAGGATGGGCACTATGACGCCCGGGCCAGAGTCTCGTTTGCCAC
ATGACCTCCCTGCTCCAAGTGCCCTTGGAGGAGCTGGATGTCCTTGAAGAGATGTTCTGGAGAGCCTGA
AGGAAATCAAAGAAGAGGAATCTGAAATGGCCGAGGCATCCCGAAAGAAGAAAGAAAACCGGAGGAAATG
GAAGCGTTATCTCTGATAGGCCTGGGACTGTGCGAGGCGGAACGGTGATCGGTGTGACTGGAGGTCTA
GCTGCACCCCTTGTGGCGCTGGAGCAGCGACGATTATTGGCAGCGCCGGGGCAGCGGCTCTGGGCTCAG
CAGCCGGCATAGCCATCATGACCTCGCTGTTTGGTGCAGCTGGAGCTGGCCTGACAGGATACAAGATGAA
GAAGCGAGTGGGAGCCATTGAAGAGTTCACGTTTCTGCCTCTGACGGAGGGCAGGCAGCTGCACATCACC
ATCGCCGTCACGGGGTGGCTCGCTTCTGGCAAATACCGCACCTTCAAGTGCCTTGGGCTGCCCTGGCCC
ACAGCCGTGAGCAGTACTGCCTGGCCTGGGAAGCCAAGTACCTGATGGAGCTCGGCAATGCCCTGGAGAC
CATCCTCAGTGGTCTCGCCAACATGGTGGCCAGGAGGCCCTAAAGTACACAGTGTGTCTGGCATTGTG
GCTGCCCTGACCTGGCCAGCCTCACTCCTCAGTGTGCGCAATGTCATCGACAACCCCTGGGGGTGTGTC
TCCATCGATCAGCAGAGGTTGGCAAGCACCTGGCCACATCCTGCTCTCCCGGCAGCAGGGGGCAGCAGCC
TGTCACCTTGATTGGCTTCAGCCTGGGAGCCAGAGTCACTACTTCTGTCTGCAGGAGATGGCTCAAGAG
AAAGATTGCCAAGGAATCATCGAGGACGTCACTCTGCTGGTGGCCTGTGGAGGGAGAAGCCAAGCATT
GGGAGCCTTCCGGAAGTGGTGTCCGGGAGGATCATCAACGGCTACTGACGGGAGACTGGCTGCTGAG
TTTCGTGTACCGCACATCCTCGGTGCAGCTCCGTGTCGCCGGCCTACAGCCCGTGTGCTGCAGGACAGG
AGGGTGGAGAACGTGGACCTGACCTCTGTGGTACGCGCCACCTGGACTATGCCAAGCAGATGGATGCCA
TCCTGAAGGCCGTGGGCATCCGCACCAAGCCAGGCTGGGACGAGAAGGGGCTCTTGTGGCCCCAGGCTG
CCTGCCCTCCGAGGAGCCTCGCCAGGCAGCAGTGCCTCATCAGGCGAGACCCCCACCAGGTTGGG
CAAACCCAGGGTCCCATATCCGGAGACACCTCAAATTTGGCCATGTCCACAGACCCAGCCAAGCCAGG
TGCCAGTAGGGCTGGACCAGTCTGAAGGGGCTCCCTTCTGCTGCTGCCAGCCCTGAAAGGCCCCCAT
CTGCAGCCATGGCATGGACCCCAACCCACTGGGCTGCCCGATTGTGCCTGCAAGACCCAGGGCCCCAGC
ACGGGGCTGGACTGA
    
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_181719 unedited

```

GTTCAAATTTGTATACGACTCCTATAGGCGGCCGNAATTCGCACGAGCAGAACCTGAG
CAGCCTGTCTTCATACAGATAGAGGCCACGGCTGTTTCTTGAATCTGGCGCTGGGAAT
GGCCATGTGGAACAGGCCATGCCAGATGCTGCCTCAGCAGCCTCTGGTAGCTGAGCCCAC
TGCAGAGGGGGAGCCACACCTGCCACGGGCCGGGAGCTGACTGAGGCCAACCGCTTCGC
CTATGCTGCCCTCTGTGGCATCTCCCTGTCCCAGTTATTTCTGAACCCGAACACAGCTC
TTCTGCACAGAGTTCATGGCAGGCCTGGTGCAGTGGCTGGAGTTGTCTGAAGCTGTCTT
GCCAACCATGACTGCTTTTGCAGCGGCCCTGGGAGGTGAAGGAGCAGATGTGTTTGTTC
AATTTTACTGAAGGACCCCATCTTGAAGGACGACCCGACGGTGATCACTCAGGACCTTCT
GAGCTTCTCACTCAAGGATGGGCACTATGACGCCCGGGCCAGAGTCTCGTTTGGCCACAT
GACCTCCCTGCTCCAAGTGCCCTTGGAGGAGCTGGATGTCCTTGAAGAGATGTTCTGGA
GAGCCTGAAGGAAATCAAAGAAGATGAATCTGAAATGGCCGATGCATCCCGAAAGAAGAA
AGATACCGGNAGATATGGNAGCGTTATCTCCTGATATGCCTGGGACTGTCCGATGCGGA
ACGGTGATTTCGTGTGAGTGGGAGTCTAGCTGCACCCCTTGGTGCCGCTGGACAGCGCA
TATTGGCAGCGCCNCGCATCGCTCTGGCTCACANNCGATACCATATACTCCCTGTTGT
GCACTGGACTGGCTGACAGATCANATGATATCGATGGGACATTGAGAATTACGTTCTGCT
TGACGAGGCGACTGACATACATGCGTACGGGGGTGCTCTGCAATACGACTAAGC
    
```

Restriction Sites:

NotI-NotI

ACCN:	NM_181719
Insert Size:	2700 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).
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">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_181719.2 , NP_859070.2
RefSeq Size:	2989 bp
RefSeq ORF:	1905 bp
Locus ID:	255104
UniProt ID:	Q5TGY1
Cytogenetics:	1p36.13
Protein Families:	Transmembrane