

Product datasheet for **SC316046**

TMEM219 (NM_001083613) Human Untagged Clone

Product data:

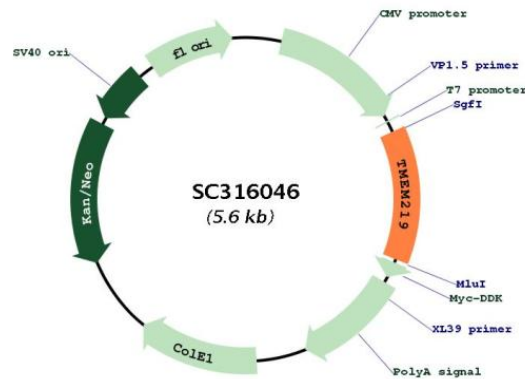
Product Type:	Expression Plasmids
Product Name:	TMEM219 (NM_001083613) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM219
Synonyms:	IGFBP-3R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316046 representing NM_001083613. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCAACTGCCAGGCAGGGCACAACTGCACCTGTGTCTGGCCACCACCCACCTCTGGTCTGTGCC
ACTTTGATCCTGCTGCTCCTTGGCCTCTCTGGCCTGGCCTTGGCAGTTCTCTCCTACCCACAGGACT
GGCCTGCGCAGCCCTGACATCCCCCAGGACTGGGTCTCTTTTTGAGATCTTTTGGCCAGCTGACCCTG
TGTCCCAGGAATGGGACAGTCACAGGGAAGTGGCGAGGGTCTCACGTCGTTGGCTTGCTGACCACCTTG
AACTTCGGAGACGGTCCAGACAGGAACAAGACCCGGACATTCAGGCCACAGTCTGGGAAGTCAGATG
GGATTGAAAGGATCTTCTGCAGGACAATGGTCTTATCACAGCCAGGGTGACCACAGAAAGGACTGCA
GGAACCTGCCTATATTTTAGTGCTGTTCAGGAATCCTACCCTCCAGCCAGCCACCCATATCCTGCTCA
GAGGAGGGGGCTGAAAATGCCACCCTGAGCCCTAGAATGGGTGAGGAATGTGTTAGTGTCTGGAGCCAT
GAAGGCCCTGTGCTGACCAAGCTGCTCACCTCGGAGGAGCTGGCTCTGTGTGGCTCCAGGCTGCTGGTC
TTGGGCTCCTTCTGCTTCTTCTGTGGCCTTCTCTGCTGTGTCACTGCTATGTGCTTCCACCCGCGC
CGGGAGTCCCCTGGTCTAGAACCCGGCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001083613

Insert Size: 723 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_001083613.1](#)

RefSeq Size:	1019 bp
RefSeq ORF:	723 bp
Locus ID:	124446
UniProt ID:	Q86XT9
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transmembrane
MW:	25.7 kDa
Gene Summary:	Cell death receptor specific for IGFBP3, may mediate caspase-8-dependent apoptosis upon ligand binding.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same isoform.