

Product datasheet for SC318815

TMEM72 (NM_001123376) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM72 (NM_001123376) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM72
Synonyms:	C10orf127; KSP37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318815 representing NM_001123376. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCAGCTCCAGGTGTTCTGGACTGGGCTGGAATACACCTGCCGGCTCCTGGGCATCACCCTGCTGCA
 GTGTTGATCGGCGTGGGCACTGAGACCTTCCTCCAGGGCCAGTTCAAAAGCCTGGCTTTCTATCTGCTG
 TTTACAGGAGCCGCTGTCTCCATATGTGAAGGGGCCTACTTTGTGGCTCAGCTGCTGGCCATCTGCTTC
 CAGTGTCAACCAGGGTCCCTGGCAGACAGAGTAAGGGAGAAAGCCCACTGGCTGGGCTGCTTCAGAAG
 TTCCTGGCCTACCTGCTGCTGCTGCGTGGCTGCTTCCTCCACCCGGTCTGGTCTGGCACGTGACCATC
 CCAGGCTCCATGCTCATCATCACCGGCTGGCCTACTTCCTTCTGAGCAAGCGGAAGAAGAGGAAAGCT
 GCCCCGAGGTGCTGGCCTCCCCAGAGCAGTACACAGACCCCTCTAGCAGCGCTGTGAGCACCACCGGC
 TCTGGGGACACAGAGCAAACCTACACTTTCCATGGGGCCCTCAAGGAGGGGCCAGCTCCCTTTTCATC
 CACATGAAGAGTATCCTGAAGGGGACTAAGAAGCCAGTGCCCTCCAGCCCCCAACACCCTGATGGAG
 CTGAGCCTGGAGCCAGCCGACTCCCTGGCCAAGAAGAAGCAGGTGCATTTGAAGACAATTGGTCCGC
 ATAGTCCCCTCCCTCGCCGAAGGTCTGGATGATGGGGACAGTGAAGCAGAGGAGACCACTCTGACACG
 ACACCCATCATCCCCCTCCCAGGCCCACTCTTCCTGTCATCTTTACAGCCACCGGCCTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001123376
Insert Size:	828 bp


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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:	<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:	<u>NM_001123376.2</u>
RefSeq Size:	2901 bp
RefSeq ORF:	828 bp
Locus ID:	643236
UniProt ID:	<u>A0PK05</u>
Cytogenetics:	10q11.21
Protein Families:	Transmembrane
MW:	29.9 kDa
Gene Summary:	<p>This gene encodes a transmembrane protein which may be expressed specifically in the kidney. [provided by RefSeq, Sep 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>