

Product datasheet for **SC308774**

TMEM131L (KIAA0922) (NM_015196) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM131L (KIAA0922) (NM_015196) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM131L
Synonyms:	KIAA0922
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308774 representing NM_015196. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGGGGCTCCGACGCGCCGACGCGGCTGCTACTGCCGCACCGCGGCGGCGCTGAACCTCCTGCTG
 GGCGTCTTCCAGGTCTGCTGCCCTGCTGTCGCCCGGGAGGGGCTCAGGGACAAGCGATTGAGCCGTTG
 CCGAACGTGGTGGAGCTGTGGCAGGCAGAAGAAGGGAACTCCTGCTGCCCACTCAGGGTGATTCTGAA
 GAGGGTCTGGAGGAGCCTTCTCAAGAACAGAGCTTCTCGGACAACTATTTAGTGAAAAGGCTTACAT
 TTTAGCCATCAGTTTTAGATTTTGAATACAGTTCTGGGACATCCTGTAGCAAAGATTCTCCATGCT
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 CTTCCAAAGGTCCAGAGCATTGAGCTGTCTCAATGCAGGCAGAAACCACTAATACTAGCCTCTTGAG
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 AAAGACATTGCCATAAATCTATTCACCAATGTATTTTGAACAACATAGGTGCCATTTTGAATA
 CCTCTACAGATTTATTCAGCACCAACCAAGGAAGGAGTCTGGGTTTTGAAGTGATAGCACATTGTGGC


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ATGCATTATTTTCATGGGAAAATCAAAGCAGGAAATCCTAATTGGAATGGGAGCCTTTCTCTGGATCAA
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AACGGCGTGCTTGTGTGATTAGGAGTGGGCCCGGTTTATAATAGTTTATTGATTGGAGTGCAACA
TGCGAAGGCCAGTTTCCAGCGCATACTGTCCATTGGAATTGAACGATTACAATGCCTTTCCAGAAGAA
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CAGTCTACCTGGAACACCCCAACATGCCTGCTGCTGGGACATGCCAGTTTATCAGCTCTCCG
CCCTACCTCACAAGCACCCGAAGCTTGTCTCAATGTCTGGACTTTTGGTTCCATCTGGGCCCCGCAA
AGCGATGTGTATGAAAATTGCTGCCCCATCAACCCCAACCGAACATTGACCCACATGAAAAACCAA
GCGGTCTGTGCAAGGAATACTACCCGGGTTCAACCCGTTTCGCGCCTATATGAACCTGGACATATGG
ACTACCACAGCGAATAGGAATGCAAATTTCCCACTGTCTAGAGACTCGAGTTACTGTGGGATGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_015196
Insert Size:	4830 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_015196.3</u>
RefSeq Size:	5030 bp
RefSeq ORF:	4830 bp
Locus ID:	23240
UniProt ID:	<u>A2VDJ0</u>
Cytogenetics:	4q31.3
MW:	179.3 kDa
Gene Summary:	Isoform 1: Membrane-associated form that antagonizes canonical Wnt signaling by triggering lysosome-dependent degradation of Wnt-activated LRP6. Regulates thymocyte proliferation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the mid coding region, compared to variant 1, resulting in an isoform (2) that is 1 aa shorter than isoform 1.