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Product datasheet for MC224740

Tmem131l (NM_172681) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem131l (NM_172681) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem131l
Synonyms:	D930015E06Rik; Kiaa0922; mKIAA0922
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224740 representing NM_172681
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGGGCTCCGGCGCCCGCAGTCCGGCGCCTACCGCCGCACGGCCGCTGCCGTGAACCTTCTGCTGG
GCGTCTTCCAGGTCCTGCTGTCCTGCTGCCGTCCGGGAGGGGCTCAGGGACAAGCGTTTGAGCCCTTGCC
GAACGTGGTGGAGCTGTGGCAGGCAGAAGAAGGGGAACTCCTGCTGCCCACTCAGGGTGATTCTGAAGAG
GATATGGAGGAGCCTTCTCAAGAACAGAGCTTCTCAGATAAACTGTTCATTGGAAAAGGCTTACATTTTC
AGCCGTCAGTTCTAGATTTTGGAATACAGTTCCTGGGACATCCTGCGGCGAAGCTTCTCTATGCCTACAA
CCCCAGCAGGGAGAGCGAGGTTGTGGTGAACTCAGTGTTTACAGCTGCTAGACATTTCCATGTGCCGCCT
GTCCATTGCAGGGTGATTCCAGCAATGGGAAAAGCATCCTTCAGAGTTATTTTCTTACCTACCGAAGAAG
GGAGCATCGAAAGCTCTTTATTTATTAATACCTCCTCACACGGAGTCTTCTCCTATCATGTATCTGGAGT
GGGCACTCGCAGAGTCTCTACAGAAGGGTCTGCGGAGCAGCTGCCGAACGCATACTTTCTGCTTCCACAG
GTCCAAAGTATTCAGCTTTCACAGACACAGGCAGAGACCACTAATACCAGCCTGCTGCGGGTGCAACTGG
AATGCAGTTTACATAATAAAGTGTGTCAGCAATTGAAGAGTTGCTCTCTGGGATCTGATGATGCGCTACA
CTTGGAGATGAACATCATTGTAGCAGTGGAAAACTCCTCCAAGCAACCTGAAGAGAACACTCAAGCCCTG
CTAGATCACCTCTCTATTGTCTATGTAGCTACTGATGAGTCTGACACCTCAGATGAATCTGCAGTAAATA
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GTTCACCAATGTATTTCTGACTACAAACACAGGTGCCATTTTTGCAATACCTCTGCAGATTTTCTCGGCC
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CCAACCAAGGAAGGGAGTCTGGGTTTTGAAGTGCTAGCACATTGTGGCATGCATTATTTCATGGGAAAGT
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AATGTACTGCACAAAGAGGAAAGCTCACTGAAAAACACAGTTGTCACTAACACTCCTTCAGAATGTAGTA
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CCGGGGCAGCTGGGGCAGCTGGAGCAGTAGCAGCTCTGATTGTGACAGGAGGCCAGTGGTGGACATACAG
CACTTCCTGCCACCTGGAGATGGTGTTTCCCCACAGAATTTCCCTTCAGAAGCTTCGGTCCCCTTGAGCC
TCCCACAGCACGTCTGCAGCTCTACAGATGTGAGTGTCCTGCCTGAGTTCACAGAGTCCCCCTGTCCTGG
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CAGCCAGTGTGTCTGACCAGCAGCTTCAACTGCCCAGTGGAGAACGGTGCCCCAGGGGTGTCTCAGGAGC
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ACAAGGATGACGACGATAAGGTTTAA

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Restriction Sites:	SgfI-MluI
ACCN:	NM_172681
Insert Size:	4794 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:	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_172681.4, NP_766269.3
RefSeq Size:	4909 bp
RefSeq ORF:	4794 bp
Locus ID:	229473
UniProt ID:	Q3U3D7
Cytogenetics:	3 E3-F1
Gene Summary:	In its membrane-associated form, antagonizes canonical Wnt signaling by triggering lysosome-dependent degradation of Wnt-activated LRP6. Regulates thymocyte proliferation. [UniProtKB/Swiss-Prot Function]

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