

Product datasheet for **SC113184**

TCIM (NM_020130) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCIM (NM_020130) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCIM
Synonyms:	C8orf4; TC-1; TC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113184 sequence for NM_020130 edited (data generated by NextGen Sequencing) ATGAAAGCAAAGCGAAGCCACCAAGCCATCATCATGTCCACGCTACGAGTCAGCCCA TCCATCCATGGCTACCACTTCGACACAGCCTCTCGTAAGAAAGCCGTGGGCAACATCTTT GAAAACACAGACCAAGAATCACTAGAAAGGCTCTCAGAAACTCTGGAGACAAGAAAGCA GAGGAGAGAGCCAAGATCATTTTTGCCATAGATCAAGATGTGGAGGAGAAAACGCGTGCC CTGATGGCCTTGAAGAAGAGGACAAAAGACAAGCTTTCCAGTTTCTGAAACTGCGGAAA TATTCATCAAAGTTCCTGA

Clone variation with respect to NM_020130.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020130 unedited</p> <pre> ATATACACCCGCCCGTTGCCGCAAAGGGCGGTAGGCGTGTACGGTGGNGAGTCTATATA AGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCC GCGAATTCGGCACGAGGGCTGAATTCGGGAAGATCCCCACATCGATGAAAGCAAAGCGAA GCCACCAAGCCATCATCATGTCCACGTCGCTACGAGTCAGCCCATCCATCCATGGCTACC ACTTCGACACAGCCTCTCGTAAGAAAGCCGTGGGCAACATCTTTGAAAACACAGACCAAG AATCACTAGAAAGGCTCTTCAGAAACTCTGGAGACAAGAAAGCAGAGGAGAGAGCCAAGA TCATTTTTGCCATAGATCAAGATGTGGAGGAGAAAACGCGTGCCCTGATGGCCTTGAAGA AGAGGACAAAAGACAAGCTTTTCCAGTTTCTGAAACTGCGGAAATATTCCATCAAAGTTC ACTGAAGAGAAGAGGATGGATAAGGACGTTATCCAAGAATGGACATTCAAAGACCAAGTG AGTTTGTGAGATTCTAACAGATGCAGCATTTTGTCTGCTACCTTACAAGCTTCTCTTGT CAGGACTCCAGAGGCTGGAAAGGGACCGGNACTGAAAGGGACCANNACTGACAGACTG GGTACAAAGACTNNCCAACATTTTCATGCCNTGTGCTGNNTACAGAGNAGAACAAAAGTGC TTCAGCAAGGATTTTAAAACCTCTCCGTCCTGCAGNAAAAGATTGATGCTGATAGAAG AGCTGNNACGATGTATGAGAACTAAAGAAACCGATGGCTGTAGATGACTTTATNCAGGTC CACTTGTGAGGCCTTAGGACTTAAATCGAAGTGAACCTTTTTTTTTNTTTTTTAACCAAT ATATAGGAAAGGNNAGAGGAAAGGGAGACACG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020130 unedited</p> <pre> NNNNAACGGTCTAGCTATGNNACCGCGCCGCATNCTAGNGATCGATTTTTTTTTTTTTT TTTTTAAAGTTTACAATAATTTATTATTGTTGCATGACATTTGCCAGTAAATAAATTAT AGAACTATAGAGTCTTTATAAACTATTTGTATATCATATTCACCTTCTAATGCTTACT GCAGTAACTGTATGAAATTTAATTAGATTACGTTTTAGCATTAGTCAGAAGATTTAAAAA ATATGTAAAATGTTTTACAGTACTTTGGATTTATAAAAGACCCCATTTTTAACTTTT GTGCAACCTGTTTGAATGTATAAAAAACCTTTTACAAACCAAAGGTGGCGTAAGGTTT TACTGAGTTGCTGAAGACATCTTACTTTCTTGAATTTCTACTTAACATCCATGTGGGGCA CTTTTTCAGGCATTGTAATAAGTGCCAATAAATAATCAATTATTGATTTCTAAAAATCTT TTCCAATAGACAATACTCAAGCTTGGAAATATTTTGAACACCTCGATATAAAAAATTCAGT AAACAATTTATGCCTGGGATTTTCTCCTCGGCTCCCTCTCCCCCTCCCTTTCCCTA TTTATTTTGCTAAAAAAGTCAACCTCCCATTAAATTCCTCGGGCCGTC ACAAGGCCCTGGATAAAAGTCTTTTAAACAGCCACTGGTTTTTCTTACAGTTAACATAAA CCTTGCCCGCCTCTTTTAAACCCCTAACACCCCTTCCCCCGGCGCCGTAAAAATGTT CTTAATTTCCGCTGGAACGCATTTTGTATCCCTTTCTACCCGACGGGGCTGACAATT CTTGAGATCGTTCGAACCCCGTTGTACCCCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020130
Insert Size:	1300 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_020130.2](#), [NP_064515.1](#)

RefSeq Size: 1488 bp

RefSeq ORF: 321 bp

Locus ID: 56892

UniProt ID: [Q9NR00](#)

Cytogenetics: 8p11.21

Gene Summary: This gene encodes a small, monomeric, predominantly unstructured protein that functions as a positive regulator of the Wnt/beta-catenin signaling pathway. This protein interacts with a repressor of beta-catenin mediated transcription at nuclear speckles. It is thought to competitively block interactions of the repressor with beta-catenin, resulting in up-regulation of beta-catenin target genes. The encoded protein may also play a role in the NF-kappaB and ERK1/2 signaling pathways. Expression of this gene may play a role in the proliferation of several types of cancer including thyroid cancer, breast cancer and hematological malignancies. [provided by RefSeq, Nov 2011]