

Product datasheet for **SC203314**

TREM2 (NM_018965) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TREM2 (NM_018965) Human 3' UTR Clone
Symbol:	TREM2
Synonyms:	PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018965
Insert Size:	286 bp
Insert Sequence:	>SC203314 3'UTR clone of NM_018965 The sequence shown below is from the reference sequence of NM_018965. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CAAACCTGCCAGGGCTGAGAGACACG TGA AGGAAGATGATGGGAGGAAAAGCCCAGGAGAAGTCCCAC CAGGGACCAGCCAGCCTGCATACTTGCCACTTGGCCACCAGGACTCCTTGTCTGCTCTGGCAAGAGA CTACTCTGCCTGAACACTGCTTCTCCTGGACCCTGGAAGCAGGGACTGGTTGAGGGAGTGGGAGGTGG TAAGAACACCTGACAACCTCTGAATATTGGACATTTTAAACACTTACAAATAAATCCAAGACTGTCATA TTTAGCTGGA ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_018965.4</u>



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Summary: This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012]

Locus ID: 54209

MW: 10.6