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Product datasheet for SC114889

TRIM14 (NM_014788) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIM14 (NM_014788) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM14
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_014788 edited
GAATTCGGCACGAGGCACCTCCCGGCCTGGGCGGGCAGAGGGAGCACCCTGCTGGTCGGA
GGATGCTCCGAGGCCCGACGCTGCTCCCGGCGGGCTGTCATCCTCCTAGGGGTCGGCCGG
CCGGCCTGGAGCCGCCCCGCCCACGGCCGAGGTTTCGCTTTCCCTTGGGAGCCCCGCCCT
GTGTCCCGGGGAGCCGGAGGAGGTGGAGATGAATGGCGGGCGCGGCGACCGGGAGCCGGA
CCCCTGGGAGGTCGGAGCTTGTCGAGGGATGCGGCTGGCGCTGCCCGGAGCATGGCGACC
GCGTGGCTGAGCTCTTCTGTCGCCGCTGCCGCCGCTGCGTGTGCGCGCTTTGCCCGGTGC
TGGGCGCGCACCGTGGCCACCCTGTGGGCCTGGCGCTGGAGGCAGCGGTGCACGTGCAGA
AACTCAGCCAAGAATGTTTAAAGCAGCTGGCAATCAAGAAGCAGCAGCACATTGACAACA
TAACCCAGATAGAAGATGCCACCGAGAAGCTCAAGGCTAATGCAGAGTCAAGTAAAACCT
GGCTGAAGGGGAAATTCACTGAACTCAGATTACTACTTGACGAAGAGGAAGCGCTGGCCA
AGAAATTCATTGATAAAAACACGCAGCTTACCCTCCAGGTGTACAGGGAACAAGCTGACT
CTTGCAGAGAGCAACTTGACATCATGAATGATCTCTCCAACAGGGTCTGGAGTATCAGCC
AGGAGCCCGATCCTGTCCAGAGGCTTCAGACGCGCGCACGCCCACGCTGGATCCTGACAC
GATGCACGCGCGCCTGCGCCTGTCCGCCGATCGCCTGACGGTGCGCTGCGGCCTGCTGGG
CAGCCTGGGGCCCGTGCCCGTGCTGCGGTTCGACGCGCTCTGGCAAGTGCTGGCTCGTGA
CTGCTTCGCCACCGGCCGCCACTACTGGGAGGTTGACGTGCAGGAGGCGGGCGCCGGCTG
GTGGGTGGGCGCGGCCTACGCCTCCCTTCGGCGCCGCGGGGCCTCGGCCGCCGCCCGCCT
GGGCTGCAACCGCCAGTCCTGGTGCCTCAAGCGCTACGACCTTGAGTACTGGGCCTTCCA
CGACGGCCAGCGCAGCCGCCTGCGGCCCCGCGACGACCTCGACCGGCTCGGCGTCTTCCT
GGACTACGAGGCCGGCGTCCTCGCCTTCTACGACGTGACGGGCGGCATGAGCCACCTGCA
TACCTTCCGCGCCACGTTCCAGGAGCCGCTCTACCCGGCCCTGCGGCTCTGGGAGGGGGC
CATCAGCATCCCCCGGCTGCCCTAGGGGCCAGGACCGGCGTGACAGCCTCCAGGTACGCC
GCAGCTGCCCAGTCTCGCCTAATCTACCTAGATCAGCGTGGCTGGTCCCCTTACTGCCTG
CTTCTTAGGGCCCTCTCCCTGCCCCAGCTTTCCCCGACCAATCACGCCTACAGTGCTTTG
AAGGTTTCCTCTCCTAGGCTAGTTTCAAACAGGCCCTAAACAAGTCTGCTGCTGCCCTCT
CATCAGACCTCCGCACCCTCACCCCACCATCACTTACACTACTTTAATCCAGTTCCTTCA
AAGTGATACCCCCACAGGTAAGCCCTCAGCATCCTGAATACATCATCCGCAGCCTGGGAA
CCTTCTCCCTCGTACAGCACAGGAACCTGACACATAGTAGGCACACAGTAAACGTTTGTG
AATGAATGGGAGTCATCCAGTCCTGACTCTTCTGTCTCTTGAGGTCCCTTGAATCTTCCG
CTTCCTCCCCACCGATTTCAGCGTGTCCACATCACAGCTCCCTCCAGAAGCTGCAAGAGC
TTCTTAGCAGTTCCTGGTCTGAACCCTCTCCCAGTCCTCATCTTCCACCCTAAAACTAGA
GTGATCTTCCTAAAACTTCACTTAACCCCTCAGCTATGAAAAGGCTTCCAGGAGTTTCCA
TGAAATAACAAAAAAAAATACAAGCCCCTCACNTNNNNNTTCAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014788 unedited
CTATCCCCCGCCCGTTGCCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG
CAGAGCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGCG
AATTCGGCACGAGGCACCTCCCGGCCTGGGCGGGCAGAGGGAGCACCCTGCTGGTCGGAG
GATGCTCCGAGGCCCGACGCTGCTCCCGGCGGGCTGTCATCCTCCTAGGGGTCGGCCGGC
CGGCCTGGAGCCGCCCCGCCCACGGCCGAGGTTTCGCTTTCCCTTGGGAGCCCCGCCCTG
TGTCCCGGGGAGCCGGAGGAGGTGGAGATGAATGGCGGGCGCGGCGACCGGGAGCCGGAC
CCCTGGGAGGTCGGAGCTTGTCGAGGGATGCGGCTGGCGCTGCCCGGAGCATGGCGACCG
CGTGGCTGAGCTCTTCTGTCGCCGCTGCCGCCGCTGCGTGTGCGCGCTTTGCCCGGTGCT
GGGCGCGCACCGTGGCCACCCTGTGGGCCTGGCGCTGGAGGCAGCGGTGCACGTGCAGAA
ACTCAGCCAAGAATGTTTAAAGCAGCTGGCAATCAAGAAGCAGCAGCACATTGACAACAT
AACCCAGATAGAAGATGCCACCGAGAAGCTCAAGGCTAATGCAGAGTCAAGTAAAACCTG
GCTGAAGGGGAAATTCACTGAACTCAGATTACTACTTGACGAAGAGGAAGCGCTGGCCAA
GAAATTCATTGATNAANACACGCAGCTTACCCTCCANGTGTACAGGGAACAAGCTGACTC
TTGCAGAGAGCAACTTGACATCATGAATGGATCTCTCACAGGNTCTGGAGTATCAGCCAG
GAGCCCGATTCTGTCCAGAGGCTTCAGACGCGCGCACGCCCACGCTGGATCCTGACACGA
TGCACGCGCGCCTGCGCCTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014788 unedited
NNCCTTCTTAGGTGNGGGCGCTTGTATTTTTTTTTGTTATTTNATGGNAAACTCCTGGAA
GCCTTTTCATAGCTGAGGGGTTAAGTGAAGTTTTAGGAAGATCACTCTAGTTTTAGGGTG
GAAGATGAGGACTGGGAGAGGGTTCAGACCAGGAACTGCTAAGAAGCTCTTGCAGCTTCT
GGAGGGAGCTGTGATGTGGACACGCTGAAATCGGTGGGGAGGAAGCGGAAGATTCAAGGG
ACCTCAAGAGACAGAAGAGTCAGGACTGGATGACTCCCATTCATTCACAAACGTTTACTG
TGTGCCTACTATGTGTCAGGTTCCTGTGCTGTACGAGGGAGAAGGTTCCCAGGCTGCGGA
TGATGTATTCAGGATGCTGAGGGCTTACCTGTGGGGGTATCACTTTGAAGGAACTGGATT
AAAGTAGTGTAAGTGATGGTGGGGTGAGGGTGCGGAGGTCTGATGAGAGGGCAGCAGCAG
ACTTGTTTAGGGCCTGTTTGAAACTAGCCTAGGAGAGGAAACCTTCAAAGCACTGTATGC
GTGATTGGTCGGCGAAAGCTGGGGCACGGAGAGGGCCCTAAGAAGCANGCAGTAAGGGGA
CCAGCCACGCTGATCTAGGTAGATTATGCCAGACTGGGCAGCTGCGGCGTACCTGGAGGC
TGTCACCCCGGTTCTTGGCCCCTAGGCAACCGGGGGAATGCGATGGCCCCCTTCCAAATC
CGCAAGGCCGGATAAAGCGGCTCTCTGGAACGTGGCCCGCGAAGGGCTGCAAGTGGCTTA
TTCCCGCCCCGCCACGTTTCATAATGCGAGGCACCCCGCCTTTTATTTCACGAAAAACCT
CCACCCGGTCACGGCTTGACTCGGGTCCCCAAGGAGGTTTCATCTGCCCGTCCGGTAAGA
CGCCACCTTCCGGGTCCAGCCGCTTCTGGCCACCAAATTCGCGG

Restriction Sites: NotI-NotI

ACCN: NM_014788

Insert Size: 1920 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_014788.2, NP_055603.2
RefSeq Size:	4454 bp
RefSeq ORF:	1329 bp
Locus ID:	9830
UniProt ID:	Q14142
Cytogenetics:	9q22.33
Domains:	zf-B_box, SPRY, PRY
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies and its function has not been determined. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010] Transcript Variant: This variant (1) represents the longer transcript. Both variants encode the same protein. 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.