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Product datasheet for SC117137

TCCR (IL27RA) (NM_004843) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCCR (IL27RA) (NM_004843) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCCR
Synonyms:	CRL1; IL-27RA; IL27R; TCCR; WSX1; zcytor1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC117137 sequence for NM_004843 edited (data generated by NextGen Sequencing)

ATGCGGGGAGGCAGGGGCGCCCCTTTCTGGCTGTGGCCGCTGCCCAAGCTGGCGCTGCTG
CCTCTGTTGTGGGTGCTTTTCCAGCGGACGCGTCCCCAGGGCAGCGCCGGGCCACTGCAG
TGCTACGGAGTTGGACCCTTGGGCGACTTGAACTGCTCGTGGGAGCCTCTTGGGGACCTG
GGAGCCCCCTCCGAGTTACACCTCCAGAGCCAAAAGTACCGTTCCAACAAAACCCAGACT
GTGGCAGTGGCAGCCGGACGGAGCTGGGTGGCCATTCCTCGGGAACAGCTCACCATGTCT
GACAAACTCCTTGTCTGGGGCACTAAGGCAGGCCAGCCTCTCTGGCCCCCCGTCTTCGTG
AACCTAGAAACCCAAATGAAGCCAAACGCCCCCCGGCTGGGCCCTGACGTGGACTTTTCC
GAGGATGACCCCCTGGAGGCCACTGTCCATTGGGCCCCACCTACATGGCCATCTCATAAA
GTTCTGATCTGCCAGTTCCACTACCGAAGATGTCAGGAGGCGGCCTGGACCCTGCTGGAA
CCGGAGCTGAAGACCATACCCCTGACCCCTGTTGAGATCCAAGATTTGGAGCTAGCCACT
GGCTACAAAGTGTATGGCCGCTGCCGGATGGAGAAAGAAGAGGATTTGTGGGGCGAGTGG
AGCCCCATTTTGTCCTTCCAGACACCGCCTTCTGCTCCAAAAGATGTGTGGGTATCAGGG
AACCTCTGTGGGACGCCTGGAGGAGAGGAACCTTTGCTTCTATGGAAGGCCCCAGGGCCC
TGTGTGCAGGTGAGCTACAAAGTCTGGTTCTGGGTTGGAGGTCGTGAGCTGAGTCCAGAA
GGAATTACCTGCTGCTGCTCCCTAATTCCCAGTGGGGCGGAGTGGGCCAGGGTGTCCGCT
GTCAACGCCACAAGCTGGGAGCCTCTCACCAACCTCTCTTTGGTCTGCTTGGATTCAGCC
TCTGCCCCCCGTAGCGTGGCAGTCAGCAGCATCGCTGGGAGCACGGAGCTACTGGTGACC
TGGCAACCGGGGCCTGGGGAACCACTGGAGCATGTAGTGGACTGGGCTCGAGATGGGGAC
CCCCTGGAGAAACTCAACTGGGTCCGGCTTCCCCCTGGGAACCTCAGTGCTCTGTTACCA
GGGAATTTCACTGTCGGGGTCCCCTATCGAATCACTGTGACCGCAGTCTCTGCTTCAGGC
TTGGCCTCTGCATCCTCCGTCTGGGGGTTCAGGGAGGAATTAGCACCCCTAGTGGGGCCA
ACGCTTTGGCGACTCCAAGATGCCCCTCCAGGGACCCCCGCCATAGCGTGGGGAGAGGTC
CCAAGGCACCAGCTTCGAGGCCACCTCACCCACTACACCTTGTGTGCACAGAGTGGAACC
AGCCCCTCCGTCTGCATGAATGTGAGTGGCAACACACAGAGTGTCACCCTGCCTGACCTT
CCTTGGGGTCCCTGTGAGCTGTGGGTGACAGCATCTACCATCGCTGGACAGGGCCCTCCT
GGTCCCATCCTCCGGCTTCATCTACCAGATAACACCCTGAGGTGGAAAGTTCTGCCGGGC
ATCCTATTCTTGTGGGGCTTGTTCCTGTTGGGGTGTGGCCTGAGCCTGGCCACCTCTGGA
AGGTGCTACCACCTAAGGCACAAAGTGCTGCCCCGCTGGGTCTGGGAGAAAGTTCCTGAT
CCTGCCAACAGCAGTTCAGGCCAGCCCCACATGGAGCAAGTACCTGAGGCCCAGCCCCTT
GGGGACTTGCCCATCCTGGAAGTGGAGGAGATGGAGCCCCCGCCGGTTATGGAGTCCTCC
CAGCCCGCCCAGGCCACCGCCCCGCTTGACTCTGGGTATGAGAAGCACTTCCTGCCCACA
CCTGAGGAGCTGGGCCTTCTGGGGCCCCCCAGGCCACAGGTTCTGGCCTGA

Clone variation with respect to NM_004843.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004843 unedited
TTGTACTACGACTCACTATAGGGGGCGGCCGCGCAATTCGGCACGAGGCAGAGCTCGAAG
AGGAGCAGCGCGGCCGCGCGGACCCGGCAAGGCTGGGCCGGACTCGGGGCTCCCGAGGGA
CGCCATGCGGGGAGGCAGGGGCGCCCCTTTCTGGCTGTGGCCGCTGCCCAAGCTGGCGCT
GCTGCCTCTGTTGAGGGTGCTTTTCCAGCGGACGCGTCCCCAGGGCAGCGCCGGGCCACT
GCAGTGCTACGGAGTTGGACCCTTGGGCGACTTGAACTGCTCGTGGGAGCCTCTTGGGGA
CCTGAGAGCCCCCTCCGAGTTACACCTCCAGAGCCAAAAGTACCGTTCCAACAAAACCCA
GACTGTGGCAGTGGCAGCCGGACGGAGCTGGGTGGCCATTCCTCGGGAACAGCTCACCAT
GTCTGACAAACTCCTTGTCTGGGGCACTAAGGCAGGCCAGCCTCTCTGGCCCCCCGTCTT
CGTGAACCTAGAAACCCAAATGAAGCCAAACGCCCCCCGGCTGGGCCCTGACGTGGACTT
TTCCGAGGATGACCCCCTGGAGGCCACTGTCCATTGGGCCCCACCTACATGGCCATCTCA
TAAAGCTCTGATCTGCCAGTTCCACTACCGAAGATGTCANGAAGCGGTCTGCACCCTGCT
GGAACCGGAGCTGAAGACCCTACCCCTGACCCCTGTTGAGATCCCAGATTGGGACCTACC
CACTGGCTACAAAGTGTTTGGGCCGCCTGCCGTATGGAAAAAAGAAAAGGATTTGTGGGG
CCAGTGCAGCCCCATTTTGGCCTTCCAGAACCCGCTTCTGTTCCAAAGAAGTGTGGGTAT
CAGGGAACTCCTGGGGGCCCCTGGCAAGAAAGAACCTTGCTTTCATGAAAGCCCCAGGCC
CCTGTGGCAGCGAACTACACAACTGCGCTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_004843 unedited
CGGCACGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTGCTTTTTATTAGTTTGTTTA
TTTTTGAGATAAGGGCTCATTCTGTTACCCAGCCTGGAGTGCAGTGGTGCAATCAGAGGT
CCCTGCAGCTTCGAACTCCTGGGCTCAACCGATCCTCCCACCTCAGCCTCCCAAGTGGCT
CGGACTACAGGTGTGTGCCATCATGCCCAGCTAATTGTTTTTGTTTTTGATGTTTTATTT
TTGTAGTGAGGGGTCTTGCTATATTGCCCAGGCTGGTCTCAAACTCCTAGCTCTAAGTGA
TCCTTCCACCTTGGCCTGCCAAAGTGCTGGGATTACAGGCGTGAGCCACTGTGCTGGGGT
CCAAATTCAGTTCTGTTACAGCGGAACAGATTTTGGCAGGCAGCTGCCACTCTCAATTTC
ATGTATTTTCCTTTGCTCCACCTTCCATCCGTGTCTTCCCCATGGGGGCCAAGCCCTTCT
CTATAGGGGTCCTTCAATCCCAGCTCTGCCTGGCTGGGTGTCCTCAGGTAAGTGACTCAG
CCTCTCTGAGTCCTCAGTGTCTTCATCCATCAAGAGGGCTAATCCAGGACTGGGGTGCAA
CCTGCATGAGCATNCCTCTAGCCTGGCTGGCAGCCCCCAGCCAGACGTGTGGTTCAAGCC
AGAACCTGTGGCCTGNGGGGGCCCANAAGGCCCCACTCCTCNAGTGTGGGCAGGAAGTGC
TTCTCATACCCAGAGTCAAGCCGGGCCGTGGCCTGNGCGGGCTGGGNAGACTCCATACCC
GGGCGGGGGCTCAATCTCCTCACTTNCAGGATGGGCAAGTCCCCAGGGCCTGGGCCCTCA
GTACTGCCTCATGTGGGGCTGGCCTGACTGCTGTTGGCAGGATCAGAACCTTCTTCCAAA
CCCACGGGGCAGCACTTTTGGCCTTAGTGGTACACCTTCCAAAGGTGGCCAGCTCAGCCC
AACCCAACAGAACAG

Restriction Sites: NotI-NotI

ACCN: NM_004843

Insert Size: 2870 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_004843.2, NP_004834.1
RefSeq Size:	3258 bp
RefSeq ORF:	1911 bp
Locus ID:	9466
UniProt ID:	Q6UWB1
Cytogenetics:	19p13.12
Domains:	FN3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	In mice, CD4+ helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein. [provided by RefSeq, Jul 2008]