

Product datasheet for **SC303507**

TCF15 (NM_004609) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCF15 (NM_004609) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCF15
Synonyms:	bHLHa40; EC2; PARAXIS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_004609 edited ATGGCGTTCGCGCTGCTGCGGCCGTCGGCGCGCACGTGCTGTACCCGGACGTGCGGCTG CTGAGCGAGGACGAGGAGAACCGCAGCGAGAGCGACGCGTCGGACCAAGTCGTTGCGGCTGC TGCAGAGGCCCGGAGGCGCGCGCGCGGCCCGGGCCCGGGGGCGGGCGGGCGGGC GGCGGGCGGGCGGGCGGGCCCGTGGTGGTGGTGCAGAGCGGCAGGCGGCAACGCGCGG GAGCGGGACCGCACTCAGAGCGTGAACACGGCCTTACGGCGCTGCGCACGCTCATCCCC ACCGAGCCGGTGGACCGCAAGCTGTCCAAGATCGAGAGCGTGCCTGGCGTCCAGCTAC ATCGCGCACCTGGCCAACGTGCTGCTGCTGGGCGACTCGGCCGACGACGGGCAGCCGTGC TTCCGTGCCGCGGGCAGTGCCAAGGGCGCCGTCGCCGCCGCCGACGGCGGCCGCCAG CCGCGCTCCATCTGCACCTTCTGCCTCAGCAACCAGCGCAAGGGGGGTGGCCGTCTGAC CTGGGGGGCAGCTGCTTGAAGGTGAGGGGGGTGGCCCCCTTCGAGGGCCACGGAGATGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004609 unedited GACCATTTGTATACGACTCCTATAGGGCGGCCGAAATCGCCCTTCCAGGCTGGAGACA AAAAGTTCGGATCTGGGCCACCCCGGCCGACCCTCCCAGACCTCCAGCATCTGCCGGGC TAGCCAGCCGGGAACGGGGCCCTTCGGGGTGGGCCGCCGCTCCCGGGCCGCTTTCAACC TGGGGGACGGAGCGGTGGGAGCGTCGCCATTGGCCAGGGCGGGCGGACGCCTCCCAT TGCCCGGGCGGACGCCTCCCATTTGGCCGGGCGAGCCCTCCGCCCGGGCCGGGGCGGC CTTGCCATTGGCCCTCCCTCGCTATAAGGCGGGGGCCGGCGGGGCGTGGGAGCGCGC GGGAGCGCACGGCGGGCGCGGCCGACGCTGGGACGCGGCGCACGGGGGACGCGGCCGG CGCCATGGCGTTCGCGCTGCTGCGGCCGTGCGCGCGCACGTGCTGTACCCGGACGTGC GGCTGCTGAGCGAGGACGAGGAGAACCAGCAGCAGAGCGACGCGTCGGACCAGTCGTTTCG GCTGCTGCGAGGGCCCGAGGCGCGCGCGGCCCGGGCCCGGGGGCGGGCGCGGG CGGGCGGGCGGGCGGGCGGGCCCGTGGTGGTGGTGCACAGCGGCAGGCGGCCAACG CGCGGGAGCGGGACCGCACTCAGAGCGTGAACACGGCCTTACGGCGCTGCGCACGCTCA TCCCCACCGAGCCGGTGGACCGAAGCTGTCCAAGATCGAGACGCTGCGCTGGCGTCCA GCTACATCGCGCACCTGGCCACGTGCTGCTGCTGGGCGACTCGCCGACGACGGGACGCT GCTTCGCGCGGGCAGTGCCAAGGGCGGTCCC GCCGCCGACGCGGGCCAGCCGCG CCTCCATCCTG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004609 unedited CGTTGATGCACTTCAGGGCCGAGAGGCACTGGGGAGGGTCCACAGGGATGCCACCCGGG ATCTGTTCAAGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGACAAGCTTGATATCG GTACCAGATCTGAATTCGCCCTCAGCTCAGAACGACGCTTTTTATTTAAAAATAGCTTT TATTTTAAACTACCAATTCTCTCTCACACACTCACACTCACGCACAGATACACACAC ACCTGTACCAACAGTCTTTGTTTTTCAAAGTTCTGCCTTGTCTGTACCAGCCAGA GCTGGGACAGGCTGAATGGATCCTCACAGCTCTCCAGGATCGGGTGGAGATGTCCCGAGGG CCCTGCCAGAGTGTCCCGAACAGGCCATGGTCCCCCGTCCCTACACAAAGAAGGGGT GGGCTTGGCTCCTGGGGTCTTCTCCCTGTCCAGCCAGTGGTGGCTCCTGGCCTCCTTC TCCAGGGTCCAGGCTCATCTCCGTGGCCCTCGAAGGGGGCCACCCCTCACCTTCAAG CAGTGCCCGCCAGGTCACGACGGCCACCCCTTGCCTGGTTGCTGAGGCAGAAGGTG CAGATGGAGCGCGGCTGGCGCCGCCGTCGGCGGGCGGGGACGGCGCCCTTGGCACTG CCCGCGGGCGGAAGCACGGCTGCCCGTGTGCGCCGAGTCGCCACAGCAGCAGCAGTTG GCCAGGTGCGCGATGTAGCTGGACGCCAGGCGCAGCGTCTCGATCTTGGACAGTTGCGG TCCACCGCTCGGTGGGATGAGCGTGCCAGCGCCGTGAAGCCGTGTTACGCTCTGAG TGCGTCCCCTCCCGCGGTTGGCCGCTGCCGCTGTGACACACCACGGGCCCGCGC GCGCCGCGCTCCCGCGACGCCCGGGCCCGGGCCCGGCCGCGCATCGGGACATTC
Restriction Sites:	Please inquire
ACCN:	NM_004609
Insert Size:	1600 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<ol style="list-style-type: none">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_004609.3 , NP_004600.2
RefSeq Size:	1227 bp
RefSeq ORF:	600 bp
Locus ID:	6939
UniProt ID:	Q12870
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	The protein encoded by this gene is found in the nucleus and may be involved in the early transcriptional regulation of patterning of the mesoderm. The encoded basic helix-loop-helix protein requires dimerization with another basic helix-loop-helix protein for efficient DNA binding. [provided by RefSeq, Jul 2008]