

Product datasheet for **MC219519**

Tcf711 (NM_001079822) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcf711 (NM_001079822) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcf711
Synonyms:	bHLHb21; Tcf-3; Tcf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219519 representing NM_001079822
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCAGCTCGGTGGTGGCCGCGGTGGCGGCCGCGGGGGAGGCGGTGGCTCCGGAGCCGGGGCAA
 CCAGTGGAGGGGACGACCTCGGAGCGAACGACGAGCTGATCCCCTTCCAGGACGAGGGGGCGAAGAGCA
 AGAGCCGAGCAGCGACAGCGCTTCGGCGCAGAGGGATCTGGATGAGGTCAAGTCGTCCTCGTCAACGAA
 TCGGAGAATCAGAGCAGTAGCTCGGACTCCGAGGCGGAGAGGCGCCCGCAGCCCGCCGGGACGCTTCC
 AGAAGCCGCGGACTATTCGCCGAAGTGAGAAGGCCCCAGGATGGCGCTTTTTTAAAGGACCTGCGTA
 TCCTGGGTACCCCTTCTGATGATTCCAGACCTGAGCAGCCCGTACCTCTCCAACGGACCCTGTCTCT
 GGTGGAGCGCGCACCTACCTACAGATGAAATGGCCCTCTCGATGTCCCCTCCAGTGCTACAGTCAAGG
 ACACAAGTGCATCTCCAGCACACTTGTATGGGGATCTGCCCGTTGGATGGTGCCTCCACATTCAG
 GTCCAACAAAGTTCCTGTTGTTACGACCCTCATCACATGCACCCGCTGACACCTCTCATCACCTACAGC
 AACGACCCTTCTCCCCTGCGTCCCCTCCACGCATCTGTCCCAGAGATCGACCCAAAGACAGGAATCC
 CCCGGCCCCCTCATCCATCTGAGCTGTACCCGATTACCCACTGTCTCCAGGAGCTGTGGACAAATCCC
 CCATCCCCTCGGCTGGCTCGTCCCACAGCAAGGGCAGCCCATGTAATCTCTCCCTCCGGGTGGTTCCGG
 CATCCTTACCCTGCCCTCGCCATGAACGCTTCAATGTCCAGCCTGGTCTCAAGCCGGTCCCACACATGG
 TGGCTCCTGCCATCCTGGTCTGCCACCTCAGGAATCCCCACCTGCCATCGTCTCCCCATTGTGAA
 GCAGGAGCCAGCAGCCCCAGCCTGAGCCCTGCAGTGAGTGCAGAAATCCCAGTTACGGTGAAGAAGGAA
 GAGGAGAAGAACTCACGTGAAAAAGCCCTGAATGCCTTTCATGTTGTATGAAGGAGATGAGGGCCA
 AGGTGGTGGCCGAGTGTACCCTGAAGGAAAGTGCAGCCATTAACCAAATCCTGGGAAGAAAGTGGCACA
 CCTGTCAAGAGAAGAACAGGCCAAATACTATGAGCTTGCCCGAAAGAACGGCAGCTTCACGCGCAGCTC
 TACCCAACCTGGTCAGCCGGGCAACTATGGGAAGAAGAAGAGGAAGAGAGAAAAGCAGCTGTAC
 AGACACAGTCTCAGCAGCAAATCCAAGAGGAGAGGGTGTCTGGCCTTAAGAGCAAGAAGCCATGCAT
 TCAGTACCTGCCCTGAGAAGCCTTGTGATAGCCCTGCGTCTTCCATGGCAGCAGCTGGACTCCCCT
 GCGACGCCCTCCGAGCCTTGGCCTCACCAGCTGCCCTGCGGCTACCCACTCCGAGCAAGCGCAGCCCC
 TGTCGCTCACCACCAACCGGAGGCCGGGCCAGCTGGCTCTCCACTCCGCTGCCTTCTGTGGCTAA
 GCGGCCGCCAGCAACTCCAGCCAGATGGGCAGCCAGCCCCACTCTATCCAGGCCCTTGCCTTGGGC
 TCTATGCCCGCCGCTCTGCTGACCTCTCCCCTACTTTCCAGCTACGCTCCATGCCACCAGGCCCTCC
 CCGTGCTACAGGCCAGCCTCTTTCCTTGGTACCAAGTCTGCCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001079822

Insert Size: 1800 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_001079822.2](#), [NP_001073290.1](#)

RefSeq Size: 2882 bp

RefSeq ORF: 1800 bp

Locus ID: 21415

Cytogenetics: 6 32.27 cM

Gene Summary: Participates in the Wnt signaling pathway. Binds to DNA and acts as a repressor in the absence of CTNNB1, and as an activator in its presence. Necessary for the terminal differentiation of epidermal cells, the formation of keratohyalin granules and the development of the barrier function of the epidermis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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.