

Product datasheet for **MC217753**

Tcf12 (BC037097) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcf12 (BC037097) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcf12
Synonyms:	ME1, ALF1, HEB, HTF4, HTF-4, REB
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC037097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCGCTAGCACTTTCTTTATGCAAGATGGGACCCACAGTTCTTCTGACCTTTGGAGTTCATCGAATG
 GGATGAGCCAGCCTGGTTTTGGTGAATTCTGGGGACCTCCACATCCACATGTCTCAGTCCAGTAGTTA
 TGGCAGCCTTCATTACATGACCCTTGAGTTATCCTCCACACTCAGTGTACCAACAGACATAAACACA
 AGTCTTCCGCAATGTCCAGCTTCCACCGTGGTAGTACCAGCAGCTCACCATATGTTGCCGCTCACATA
 CTCCTCCCATCAATGGATCAGATAGCATCTAGGAACCAGAGGGAATGCTGCTGGAAGCTCACAGACGGG
 TGATGCACTTGGGAAGGCCTTGGCATCTATTTATCCCTGACCACACAAGCAGTAGTTTTCCATCAAAC
 CCATCAACACCAGTGGGATCTCCTTCACCTCTCACAGTACCAGTCCAGTGGCCAGAGCTGGAGGGCAAG
 CTCCTTCACTCCAAGCTATGAAAACCTCACTTCACTCCCTGCAGTCTCGAATGGAAGACCGCTTAGACAG
 GCTGGATGATGCTATCCATGTGCTACGAAACCATGCAGTTGGACCTTCTACCAGTCTGCCTACTAGCCAC
 AGTGACATACACAGTTTGTCTGGGACCATCCCAATGCATCAATTGGAAACCTCAATTCAACTATGGAG
 GATCCAGCCTTGTACAATAGTCGATCAGCTTCGATGGTCCGGAACACATCGGGAAGATTCAATCAGTCT
 CAATGGCAATCATTTCGGTCTGTCTAGTACTGTTGCTGCCTCAAACACAGAACTGAACCATAAAACCCA
 GAAAATTTAGAGGTGGTGTACAAAATCAGTCTGGAAGTGTGTTCCAACAGAAATCAAGACTGAAAACA
 AAGAAAAGATGAAAACCTTCATGAACCTCCTTCATCAGATGACATGAAATCAGATGATGAGTCTCCCA
 GAAAGACATCAAGGTCTCATCTAGGGCAGAAACAGCAGTACCAATGAAGACGAGGATCTGAATCCAGAA
 CAGAAAATCGAAAGGGAGAAGGAAAGGCGGATGGCTAACAAATGCCAGAGAGCGCCTGCGCGTGCGGGATA
 TTAACGAGGCGTTCAAGGAGCTTGGCCGAATGTGTCAGTTCATTTGAAGAGTAAAAACCTCAGACAAA
 ACTTCTCATTCTCATCAGGCCGTGGCAGTCACTCCTTAGTCTAGAACAGCAAGTGAGAGAGAGGAACTC
 AACCCCAAAGCAGCCTGCCTTAAGAGAAGAGAAGAAAAGTCTCTGCTGCGTCAGCAGAGCCGCCCA
 GCACGTTGCCAGGAGCCCATCTGGGCTTAGTGAGTCTACCAACCCTATGGGTCATCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC037097

Insert Size: 1392 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: [BC037097](#), [AAH37097](#)
RefSeq Size: 2732 bp
RefSeq ORF: 1391 bp
Locus ID: 21406
Cytogenetics: 9 39.85 cM
Gene Summary: Transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3').[UniProtKB/Swiss-Prot Function]