

Product datasheet for **MC228580**

Tcf25 (NM_001286363) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcf25 (NM_001286363) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcf25
Synonyms:	1100001J13Rik; 1810041K11Rik; D8Ertd325e; mKIAA1049; Nulp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228580 representing NM_001286363
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCGCCGGCCCTCCGGAGACTGAGGGGGAACAGCGCGCCAGGAACCCCTAGGGCCCGACGCCCT
 TGAAGTTTGTCTCCTTGATGACGATGACGCAGAGGAAGAGGGACAAAACCGGGCTGGGTGGCCGGCG
 CCCCGGGGTGCAGGGAAGGAAGGAGTCCGTGTCAACAACCGTTTGAGCTGATAAACACGGAGGATCTT
 GAGGATGACCTTGTGGTAAATGGGGAGAGATCTGACTGTACCCTGCCGACTCTGTGTCATCAGGGAACA
 AAGGAAGGGCTAAACATGGAAACGCAGAGACCAAGCAAGATGGAGGGGCCACAAAGCAGGGTCTCGGA
 ACAGGAGAATGGACTAGAAGACATCGATCGCATCTTAGAGCGGATTGAGGACAGCAGTGGTTTCAGCCAC
 CCCGGCCCCCTCCACTGAGCTCCAGGAAGCACGTCTATATGTGGAGCACAGACCTGAATCCAGACA
 CGGAACTGAAGAGGTATTTGGTCTCGAGCGGTCTGGGCGAGCAAAGGCCCTCGACAGAGGCAGCGTGT
 GTATCCCAAGTGTACATGGCTGACGACCCCTAAGAGCACCTGGCCCCGTACAGCAAACAGGTCTATCA
 ATGCGGGTGTGGAGTCCAAGAAAGGCCTTTCTTTCTTTGCATTTGACCATAATGAAGAATACCAACAAG
 CACAGCACAAGTTCTGGTGGCTGTGGAGTCCATGGAGCCAAATAACATTGTGGTTCTGCTCCAGACAAG
 CCCCTATCATGTGGACTCCCTGCTGCAGCTCAGTGATGCCTGCCGCTTTCAAGAGGATCAAGAGATGGCT
 CGAGACCTTATAGAGAGAGCCCTGTACAGCATGGAGTGTGCATCCACCCCTTGTTCAGTCTCACCAGTG
 GAACTTGCAAGGCTGGATTATCGCAGACCTGAGAATAGGAGCTTCTACCTGACCCTCTACAAGCAGATGAG
 TTTCTTGAGAAACGTGGATGCCACGTAAGTGCCTATTGACCACCTGGCCTTACGGGCCCGGAACATGAATACC
 TGATTGCTCTTCCAGGAATGGGAGGCTCATCGGAACCTGCCAGCTCCCAAATTTTGCCTTCTCAGT
 TCCACTGGCCTATTTCTTCTGAGTCAGCAAACAGACTTACCTGAGCATGAGCTCAGCTCTGCCAGGCAA
 CAGGCTTCCCTCTGATACAGCAGGCACTACCATGTTCCCTGGAGTTCTTATGCCACTGCTGGAGTATT
 GCAGTGTGCGACCTGATGCCACGGTCTCAAACCACCGCTTCTTTGGGCCGGATGCTGAGATCAGCCAGCC
 TCCCGCTTGGCCAGCTGGTGGTCTGTACCTGGGGAGGTCACACTTTCTTTGGAAGAACCCGCCATT
 ATGAGCTGGCTAGAGGAAAATGTCCATGAGTTCTGCAAGCGGTGGATGCTGGAGACCCTGCTGTGGAGG
 CCTGTGAGAACAGGCGGAAAGTGTGTACCAGCGTGCGCCAGAAACATCCACGCCACGTGATACTGTC
 TGAGATCAAGGAGGCTGTTGCTGCCCTACCCTCGGATGTGACCACACAGTCTGTGATGGGTTTCGACCT
 CTGCCCTCCCTGGACACCATCTACTTACGTGACAGCAGAGAGGCTGAGTCCAGTCAGCCACGGAACA
 CAATCGCCCTCTTCTCCGGTCTTGTGCCAAATTACACCACAGAGGGGAGAGGCTGGAGGAAGGAGT
 GGCCGGGGGTCCGAACCGCAATCAAGGCTTGAACAGGCTGATGTTGGCCGTACGTGACATGATGGCCAAC
 TTCCACTTCAACGACCTGGAGGTGCCTCGGGAGGACAATCCTGAGGGCGAGGGGGACTGGGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001286363

Insert Size: 1956 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001286363.1, NP_001273292.1</u>
RefSeq Size:	2776 bp
RefSeq ORF:	1956 bp
Locus ID:	66855
Cytogenetics:	8 72.1 cM
Gene Summary:	May play a role in cell death control. Acts as a transcriptional repressor. Has been shown to repress transcription of SRF in vitro and so may play a role in heart development (By similarity).[UniProtKB/Swiss-Prot Function]