

Product datasheet for **MC225103**

Tcf20 (NM_001114140) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcf20 (NM_001114140) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tcf20
Synonyms: 2810438H08Rik; mKIAA0292; SPBP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225103 representing NM_001114140
Red=Cloning site Blue=ORF Orange=Stop codon

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GCC**GCGATCGCC**

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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001114140
Insert Size:	5964 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:	<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_001114140.1</u> , <u>NP_001107612.1</u>
RefSeq Size:	7364 bp
RefSeq ORF:	5964 bp
Locus ID:	21411
UniProt ID:	<u>Q9EPQ8</u>
Cytogenetics:	15 E1

Gene Summary:

Transcriptional activator that binds to the regulatory region of MMP3 and thereby controls stromelysin expression. It stimulates the activity of various transcriptional activators such as JUN, SP1, PAX6 and ETS1, suggesting a function as a coactivator.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer variant and encodes the longer isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.