

Product datasheet for **RN214364**

Tcf21 (NM_001032397) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcf21 (NM_001032397) Rat Untagged Clone
Tag: Tag Free
Symbol: Tcf21
Synonyms: Capsulin; Msf-1; Pod1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214364 representing NM_001032397
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACTGGCTCCCTCAGCGATGTAGAAGACCTTCAAGAGGTGGAGATGCTGGACTGTGACTCCCTGA
AAGTGGATTCCAACAAGGAGTTTGAACCTCCAATGAGAGCACCGAGGAGGGTTCCAACCTCGGAGAACGG
GTCTCCACAGAAGGGTCGTGGTGGCCTGGGCAAGAGGAGGAAGGGCGCCACCAAGAAAAGCCCGCTGAGC
GGGTCAGCCAGGAGGGCAAGCAGGTCCAGCGCAACGCGCCAATGCACGCGAGCGGGCCCGCATGCGGG
TGCTGAGCAAGGCCTTCTCCAGGCTCAAGACTACCCCTTCCTGGGTGCCCGGACCAAGCTCTCCAA
GCTGGACTCTCAGGCTGGCGTCCAGTACATCGCGCACCTGAGGCAGATCCTGGCCAACGACAAGTAC
GAGAATGGTTACATTACCCAGTCAACCTGACTTGGCCCTTTATGGTGGCCGGCAAACCTGAGAGTGACC
TAAAGGAAGTGGTGACCGCGAGCCGCTTGTGTGGAACCACCGCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001032397
Insert Size: 540 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).



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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_001032397.1, NP_001027569.1</u>
RefSeq Size:	1245 bp
RefSeq ORF:	540 bp
Locus ID:	252856
Cytogenetics:	1p12
Gene Summary:	may play a role in epithelial cell differentiation in the developing gastric mucosa [RGD, Feb 2006]