

Product datasheet for **RR202719**

Tgif1 (NM_001015020) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tgif1 (NM_001015020) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tgif1
Synonyms: Tfig; Tgif
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202719 representing NM_001015020
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATTTACACGAGCAGGAGGTGTGCATTGGCGGGGTCCGGCTGGCCTTCGCGTCACGGTGTGTTGCAG
 CAGCATCCGGCAGTGACTCTGAGGATGAAGACAGTATGGACAGTCCCTTGGACCTTTCATCGTCAGCGGC
 CTCTGGCAAGAGAAGGAGGAGAGGCAATCTGCCAAAGAGTCCGTCCAGATTCTTCGAGACTGGCTGTAT
 GAACACAGATACAACGCATACCCCTCAGAGCAAGAGAAAGCCCTGCTGTCGAGCAGACACACCTGTCCA
 CACTACAGGTCTGTAACCTGGTTCATCAACGCCCGTCGAGGCTCCTTCTGACATGCTGAGAAAGGATGG
 CAAAGACCCAAATCAGTTCACCATTTCCCGCCGAGGGGCAAGATCTCAGAAGCTAGCTCTATTGAAGCT
 GCAATGGGTATCAAAAATTCATGCCAACTCTAGAAGAGAGCCCATTTTCATTCTGCGTAGTTGGACCCA
 ACCCAACCCTAGGGAGACCAGTGTCTCCCAAACCTCCCTCCCGGGACCCATCTTGGCTCGCCCCCTCAGT
 GATCTGCCATACCACTGTGACTGCATTGAAGGACGGGCCCTTCTCTCTGCCAGGCAGTCAGTGTGGGA
 CATAGTACAGATGTACAGCAGGTAGCACCCAGCAACTTTACAGACGCCTCTCAGGTACCCAGAGGACA
 CTTGCAAATCTGGACCCAGTCCAATCCTCAGAGTGGTCTTTTCAACACTCCTCCCCGACTCCGCCAGA
 CCTCAACCAGGATTTTAGTGGATTTAGCTCCTGGTGGACGTTGGCTCAAGCAGGCAGCAGAGATGGAG
 CTTCAGGCCAAACTCACAGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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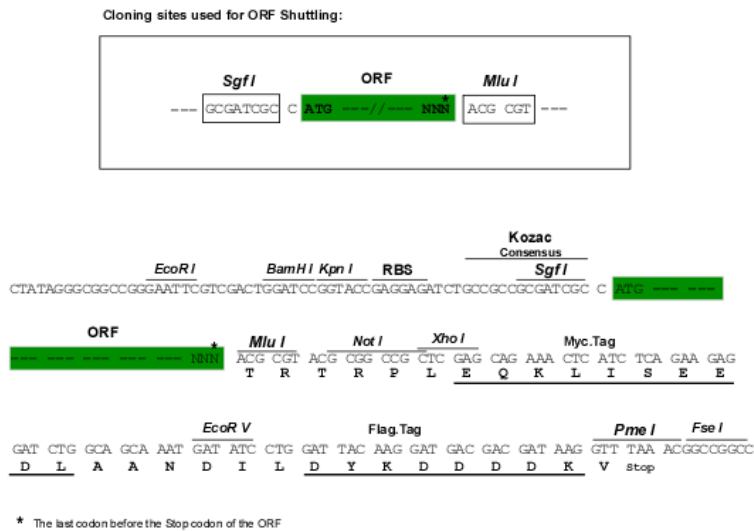
Protein Sequence: >RR202719 representing NM_001015020
Red=Cloning site Green=Tags(s)

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 EHRYNAYPSEQEKALLSQQTHLSTLQVCNWFINARRRLLPDMLRKDGKDPNQFTISRRAKISEASSIEA
 AMGIKNFMPITLEESPFHSCVVGPNPTLGRPVSPKPPSPGPILARPSVICHTTVTALKDGPFLCQAVSVG
 HSTDVQQVAPSNFTDASLRYPEDTCKSGSPNPQSGLFNTPPPTPPDLNQDFSGFQLLVDAVKQAAEME
 LQAKLTA

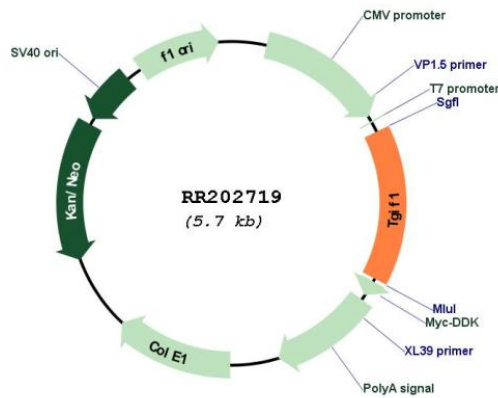
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001015020

ORF Size: 861 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001015020.1 , NP_001015020.1
RefSeq Size:	1410 bp
RefSeq ORF:	864 bp
Locus ID:	316742
Cytogenetics:	9q38
MW:	31.2 kDa