

Product datasheet for **RR214312**

Tfg (NM_001012144) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfg (NM_001012144) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tfg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214312 representing NM_001012144
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGACAGTTGGACCTAAGTGGGAAGCTGATTATCAAAGCTCAACTTGGAGAAGATATCCGGCGAA
TTCCCATTCATAATGAAGACATTACTTATGATGAATTAGTGTGATGATGCAGCGAGATTCAGAGGAAA
GCTTCTGAGTAATGATGAAGTTACAATAAAGTATAAGGATGAGGATGGAGATCTATAACAATTTTGAT
AGTTCTGACCTTTCTTTGCAATTCAGTGTAGTAGAATACTGAAACTGACATTATTTGTTAATGGCCAGC
CAAGACCCCTTGAATCAAGTCAGGTGAAATATCTTCGTCGAGAAGTATGAGAAGTTCGGAATAAAGTGAA
TCGCTTATTGGACAGCTTAGAGCCGCTGGAGAACCAGGGCCTCCACCAGTATTCCTGAAAATGATACT
GTGGATGGTAGGGAAGAAAAGCCTGCTGCTTCTGATTCTTCTGGGAAACAGTCTACTCAGGTTATGGCAG
CAAGTATGTCAGCTTTTGATCCTCTAAAAAACCAAGATGAAATCAACAAAAATGTCATGTCAGCATTGG
ATTAACAGACGACCAGGTTTCAGGACCACCCAGTGTCTACAGAAGACCGTTCCGGAACACCTGACAGC
ATTGCTTCTTCTTTCGGCAGCACACCAGCAGGTCAGCCACAGCAACCTCCCTATGCAGGAGCTC
AGACACAAGCAGGTCAGATTGAAGGTGAGATGTACCAACAGTACCAGCAGCAGGCTGGCTACAGTGCACA
GCAGCCTCAGGCCCTCCTCAGCAGTACGGTATTCAGTATTCAGCTAGTTACAGCCAGCAGACTGGACCC
CAACAACCTCAGCAGTTCAGGGATATGGCCAACAACCAACTTCCAGGCACCGGCTCCTGCCTTTTCTG
GCCAGCCACAACAACTGCCCGCTCAACCACCACAGCAGTACCAGGCGAGCACTTACCCTCCACAGACTTA
CACTACCAGACATCTCAGCCTGCTAACTATACTGTTCCCGGCTCTCAGCCTGGAATGGCTCCAAGC
CAACCTGGTGCTTACCAACCAAGACCAGGTTTTACACCATCTCCTGCAAGTACCATGGCCCTCCTTCCA
CTGGGGCTAACCTTATGCTCGTAACCGTCTCCTTTTGGTCAGGGCTATACCAACCTGGACCTGGTTA
TCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR214312 representing NM_001012144
 Red=Cloning site Green=Tags(s)

MNGQLDL SGKLI IKAQLGEDIRRIPIHNEDITYDELVLMQRFVFRGKLLSNDEVTIKYKDEDGLITIFD
 SSDLSFAIQCSRILKLT L FVNGQPRPLESSQVKYL RRELIELRNKVNRLDLSLEPPGEPGPST SIPENDT
 VDGREEKPAASDSSGKQSTQVMAASMSAFDPLKNQDEINKNVMSAFGLTDDQVSGPPSAPTEDRSRGT
 PDS IASSSSAAHPAAGQPQQPPYAGAQ TQAGQIEGQMYQQYQQQAGYSAQQPQAPPQQYGIQYSA
 SYSQQTGP QQPQQFQGYGQQPTSQAPAPAFSGQPQQLPAQPPQQYQASTYPPQTYTTQTSPAN
 YTVPPGSQPGMAPS QPGAYQRP RPF T P SPASTMAPPSTGANPYARNRPPFGQGYTQPGPGYR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

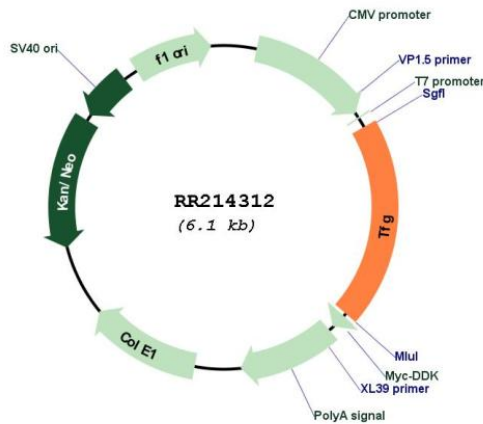
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012144

ORF Size:	1194 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_001012144.1 , NP_001012144.1
RefSeq Size:	1922 bp
RefSeq ORF:	1197 bp
Locus ID:	360709
Cytogenetics:	11q12
MW:	43.1 kDa