

Product datasheet for **RR216356**

Terf2 (NM_001242355) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Terf2 (NM_001242355) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Terf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216356 representing NM_001242355 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGAGGAGGGCGGAGCAGCGACAACGGCGGGAGGGCGGCGAACCGCGGAGCATCGCGACGGCG
GGAGGGCTCGACGGGGCGGCACGAGCCGGGGCTGGGAGGCGCGCAGAGCGGGCGCGGGGAAGCTCG
TCTGGAGGAGCGGTCAACCGCTGGGTGCTCAAGTTCTACTTCCACGAGGCGCTGCGGGCCTTTCGGAGT
AGCCGGTACCGGACTTCAGGCAGATCCGGGACATCATGCAGGCGTTGCTTGTGTCAGGCCCTTGGGAAGG
AGCATACGGTGTCCCGTTGCTGCGGGTTATGCAGTGTCTATCGCGCATTGAAGAAGGAGAAAATTTAGA
CTGTTCTTTGATATGGAGGCCGAGCTCACACCCTGGAGTCAGCTATCAATGTGCTGGAGATGATTA
ACAGAGTTCACACTGACAGACTCAATGGTTGAATCCAGCAGGAGACTGGTGAAGGAGGCTGCTGTCATTA
TTTGTATCAAAAACAAAGATTTGAAAAGGCTTCAAAAATTTGAAAAATACATGTCCAAGGACCCAC
AACTCAGAAAGTAAGAAGTATCTCTGAACATTATCCGGGAAAAGAACTGGCTCACCTGTTATCCAG
AACTTTTCCTACGAGATCTTCCAGCAGAAGATGTTGCGCTTCTGGAGAGCCACCTGGATGACACGGAGC
CCTACCTCCTCAGATGGCTAAAAAGCTTTGAGATCAGAATCAGCTGCTCAAGTACAATGAAGGAGGA
AAAGCACACAGAGCCAGTGGAGAAACACTCAGAGAGCCTCCACGACAGCCTCGGAACCTCCAACCACC
ATCGGACTCAGGACAGTGAAGGCAGCTTCAAAGCTCTGTCTACTGCACAAAGACTCAGAAGCGGCTTTTG
CAAACTGGACCAGAAAGATCTGAGCATCGAAAGACAAGTGAACAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR216356 representing NM_001242355
 Red=Cloning site Green=Tags(s)

MAGGGSSDNGGRAANRRASRSGGRARRGRHEPGLGGAERAGEARLEEAVNRWVWKFYFHEALRAFRS
 SRYRDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRIEEENLDCSFDMEALTPLESAINVLEMIK
 TEFTLTDSMVESSRRLVKEAAVIICIKNKEFEKASKILKKYMSKDPPTTKVVRTDLLNIIREKNLAHPVIQ
 NFSYEIFQQKMLRFLESHLDDTEPYLLTMAKKALRSESAASSTMKEEKHTEPVEKPLREPPRQPRNPPTT
 IGLRTVKA AFKALSTAQDSEAAF AKLDQKDL SIERQVEQP

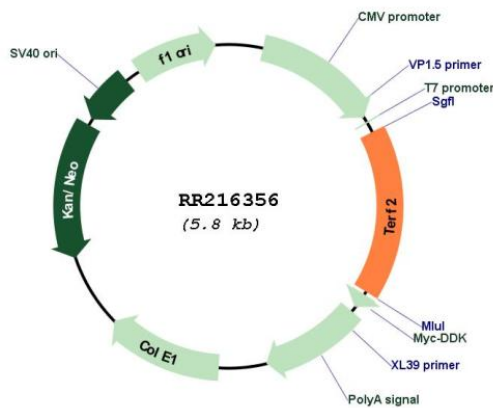
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001242355

ORF Size:	960 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_001242355.1 , NP_001229284.1
RefSeq Size:	1019 bp
RefSeq ORF:	963 bp
Locus ID:	361403
Cytogenetics:	19q12
MW:	36.2 kDa