

Product datasheet for **RR207449**

Tff1 (NM_057129) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tff1 (NM_057129) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tff1
Synonyms: Ps2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207449 representing NM_057129
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCACAAAGGTGACCTGTGCTCCTCGCCATGGTCCTCATGCTGGCTCTCAGCAGCCTGCCAGAACC
AGGAAGAAACATGTGCCGTGATCCCCGGGAGAGAATAAATTGTGGCTTCCCGGTGTACCGCCAGCA
GTGCAAGGAAAAGGTTGCTGTTTTGATGACAGTGTCCGGGGTCCCATGGTGCTCCGACCTCTGGTC
ATTGAGAACCAGCAAGAAGAAGAATGTCCCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207449 representing NM_057129
Red=Cloning site Green=Tags(s)

MEHKVTCVLMVLMMLALSSLAQNQEETCAVIPRERINCGFPGVTAQQCKEKGCCFDDSVRGFPWCFRPLV
IENQEEEECPF

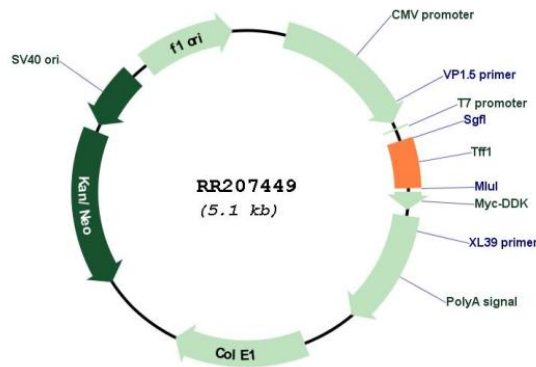
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_057129

ORF Size: 243 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:	<u>NM_057129.1</u> , <u>NP_476470.1</u>
RefSeq Size:	466 bp
RefSeq ORF:	246 bp
Locus ID:	117270
UniProt ID:	<u>Q63467</u>
Cytogenetics:	20p12
MW:	9.2 kDa
Gene Summary:	involved in protection of intestinal epithelial cells during the acute phase of mucosal ulceration [RGD, Feb 2006]