

## Product datasheet for **RN206710**

### Tnf (NM\_012675) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnf (NM_012675) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnf
Synonyms:	RATTNF; TNF-alpha; Tnfa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206710 representing NM_012675 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGCACGGAAGCATGATCCGAGATGTGGAAGTGGCAGAGGAGGCGCTCCCCAAAAGATGGGGGCC  
TCCAGAACTCCAGGCGGTCTGTGCCTCAGCCTCTTCTCATTCTGCTCGTGGCGGGGCCACCACGCT  
CTTCTGTCTACTGAACTTCGGGGTGATCGGTCCCAACAAGGAGGAGAAGTCCCAAATGGGCTCCCTCTC  
ATCAGTTCCATGGCCAGACCCTCACACTCAGATCATTTCTCAAAGTGCAGTGAAGCCCGTAGCCC  
ACGTCGTAGCAAACCAAGCGGAGGAGCAGCTGGAGTGGCTGAGCCAGCGTGCCAACGCCCTCCTGGC  
CAATGGCATGGATCTCAAAGACAACCAACTGGTGGTACCAGCAGATGGGCTGTACCTTATCTACTCCCAG  
GTTCTCTTCAAGGGACAAGGCTGCCCGACTACGTGCTCCTCACCCACACCGTCAGCCGATTTGCCATTT  
CATACCAGGAGAAAGTCAGCCTCCTCTGCCATCAAGAGCCCTTGCCCTAAGGACACCCCTGAGGGAGC  
TGAGCTCAAGCCCTGGTATGAGCCCATGTACCTGGGAGGAGTCTCCAGCTGGAGAAGGGGGACCTGCTC  
AGCGCTGAGGTCAACCTGCCAAGTACTTAGACATCACGGAGTCCGGGCAGGTCTACTTTGGAGTCATTG  
CTCTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012675
Insert Size:	708 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_012675.3</a> , <a href="#">NP_036807.1</a>
<b>RefSeq Size:</b>	1687 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	24835
<b>UniProt ID:</b>	<a href="#">P16599</a>
<b>Cytogenetics:</b>	20p12
<b>Gene Summary:</b>	acts as a cytokine; binds TNF receptors; plays a role in regulation of cell proliferation, induction of apoptosis, and inflammatory response [RGD, Feb 2006]