

## Product datasheet for **RN200135**

### Trim27 (NM\_001134974) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim27 (NM_001134974) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim27
Synonyms:	Rfp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200135 representing NM\_001134974  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCCTCAGGGAGCGTGGCCGAGTCCCTGCGAGCAGGAGACCACCTGCCCGTGTGTCTTCAACTTTG  
TGGAAACCATGATGCTCGACTGCGGCCACAACATCTGTTGCGCGTGCCTGGCCCGCTGCTGGGGTGCCGC  
GGAGACTAACGTGTCGTGCCCGCAGTGGCCGGGAGACCTTCCCGCAGCGCCACATGCGGCCCAACCGGCAC  
CTGGCCAACTGACCCAGCTGGTGAAGCAACTGCGCACCGAGCGGCCGTGGGGCCGGACGGCGAGATGG  
GCGTGTGCGAGAAGCACCAGCCTCTGAAGCTGTACTGCGAGCAGGACCAGATGCCCATCTGCGTGGT  
GTGCGACCGCTCGCGGAGCACCCTGGCCACAGCGTGTGCCGCTGGAGGAGGCTGTGGAAGGCTTCAAG  
GAGCAATCCAGAATCGGCTGGACCACCTAAGAAGAGTGAAGACTTGAAGAAGAGACGGAGGGCACAGG  
GGGAGCAGGCACGAGCTGAGCTCCTGAGCCTGACCCAGATGGAGAGGGAAAAAATGTTTGGGAGTTTGA  
GCAGCTGTATCACTCTTTGAAGGAACATGAGTATCGCCTGTTGGCTCGCCTTGAGGAGCTAGACTTGGCC  
ATCTATAATAGCATCAACGGTGCCATCACTCAGTTCTCCTGCAACATCTCCACCTCAGTGGCCTGATTG  
CCCAACTGGAAGAGAAGCAGCAGCAGCCACGAGGGAGCTCTTGCAAGGACATTGGAGACTCTGAGCAG  
GGCTGAAAGAATCAGGATCCCTGAGCCCTGGATCACACCTCCAGATCTACAAGAGAAAAATCCATATTTTT  
GCCCAAAAATGTCTGTTTTTACAGAAAGTCTAAAACAGTTTACAGAAAAATGCAGTCAGATATGGAGA  
AGATCCAAGAGTTGAGAGAGGCTCAATTACTCAGTTGACGTGACCCTGGACCCAGACACAGCCTATCC  
CAGCCTGATTCTTTCAGATAATCTTCGCAAGTACGGTACAGTTACCTCCAGCAGGATCTCCAGACAAC  
CCTGAGCGGTTCAATCTGTTTCCCTGTGTCTTGGGCTCTCCATGTTTTCATCGCTGGGAGACATTACTGGG  
AGGTAGAGGTGGCGGATAAAGCCAAGTGGACCATAGGTGTCTGTGAAGACTCAGTGTGCAAAAAAGTGG  
GGTGACCTCAGCCCCCAGAATGGATTCTGGGCAGTGTGATTGTGGTATGGGAAAGAATATTGGGCTCTT  
ACATCCCCGATGACTGCACTCCCCCTGCGGACCCCTCTCCAGAGGGTAGGGATTTTCTTGGACTATGATG  
CTGGTGAAGTTTCTTCTACAATGTGACAGAGAGATGCCATACCTTTACTTTCTCTCATGTACCTTCTG  
TGGGCCAGTCCGGCCCTACTTCAGCCTAAGTTACTCGGGAGGGAAGAGTGGCGCTCCTTTGATCATCTGC  
CCTATGAGTGGGATTGATGGGTTTTCTGGCCATGTTGGGAATCATGGTCAATCCATGGAGACCTCTCCTT  
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001134974

**Insert Size:** 1542 bp

**OTI Disclaimer:** 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).

**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:**

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\\_001134974.1](#), [NP\\_001128446.1](#)

**RefSeq Size:** 2140 bp

**RefSeq ORF:** 1542 bp

**Locus ID:** 291171

**Cytogenetics:** 17q11

**Gene Summary:** predicted to be a member of the ret finger protein family; human RFP plays a role in induction of apoptosis [RGD, Feb 2006]