

Product datasheet for **RN209165**

Trim55 (NM_001012218) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim55 (NM_001012218) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim55
Synonyms:	Rnf29
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209165 representing NM_001012218
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAGCACTTCTCTGAATTACAAGTCTTTCTCCAAAGAGCAGCAGACCATTGGATAACTTAGAAAAGCAAC
TGATCTGTCCCATCTGCCTAGAGATGTTACCAAGCCCGTGGTCACTTCTCCCGTGCCAGCATAACCTGTG
CAGGAAGTGCGCCAGTGACATCTTCCAGGCCTCTAACCCGTACTTACCCACAAGAGGAGGCCACCACCGTG
GCGTCGGGGGGCCGCTTCCGCTGCCCTCTTGCAGACATGAAGTGGTGTAGACAGGCATGGGGTCTATG
GACTACAGAGGAACCTGCTTGTGAGAACATCATTGATATCTACAAGCAGGAATCCACCAGGCCAGAAAA
AAAGTTGGACCAGCCATGTGTGAGGAGCATGAAGAGGAACGCATCAACATCTACTGTCTGAACTGTGAA
GTGCCACCTGCTCCCTGTGCAAGGTTTTTGGCGCTCATAAGGACTGCCAGGTGGCTCCCTGACCCATG
TGTTCCAGAGGCAGAAGTCAGAGCTCAGTGATGGTATTGCTGTACTTGTGGGAAGCAACGACAGAGTCCA
GGGTGTGATCAGCCAGCTGGAGGACACCTGTA AAACTATTGAGGAGTGCAGAAAAGCAGAAACAGGAC
CTGTGTGAGAAGTTTGATCACCTGTATAGCATCCTGGAGGAGAGGAAGACCGAAAATGACCCAAGCCATCA
CCCGAACACAGGAAGAGAAAAGTGGAGCATGTCCGAACTCTTATCAGAAAAGTATTCTGATCACCTGGAGAA
TGTATCAAAGTTGGTGGAGTCAGGAATCCAGTTTATGGATGAGCCAGAAAATGGCAGTGTTTCTGCAGAA
GCCAAGACCCTGTTGCAAAAATCAGAGAAGCATCGAAGGCGTTTCAGATGGAGAAAATAGAACAAAGGTT
ATGAGATCATGAACAACCTCACAGTCAACCTCAATAGAGAAGAAAAAATTATCCGTGAAATGATTTTTTC
TAGAGAAGAGGAAGATGAAGACGATGAAGGAGAAGTAGATGAAGAAGGAGAAGGAGAGGATGCAGTAGAA
GTAGAAGAGGCAGAAAATGTTCAAGTAGCATCATCAGGAGAAGAGGAGACTCTGGAAAAAGCTGCAGAGC
CCTCTGAGCTGGCTGCAGAGATCCAGGCTGCCTCAGGGCCACTACTTGCTTCTCTCCAGATTCAGTTTC
ATCCCTGCCACCTGCTGCAGATGTCCTGGTGACACAGGGGGAGGTGGTGGCCCACTGACTCTCAGCAGACC
ACACAATCTGAAACTTCAGGCCCTTCAGCAGCGGAAAAGTGCAGGATCCCTGTTTTACCCTAGTTGGTATA
AAGGCCAAAGCCGAAAAATGATCTCCAACCCACCTCACACTCCTGGGGTGAAGGTCTGAGTCAAAATAGG
GCCTTCGGCTGCTGAGGATTCAGTGTGCAGTCCGCAGAAAGTAGCAGAAGCCGCAGCCAATGAGCAGGCA
GCAGTGAGTGGTAAGGAGTCTAGTTCAACTGCAGTACCTCTCAGATTGGATTTGAGGCCTTCTCCCC
AGGGACAGGCTGCAGCCTTGGGGAGTGGGGTGGGGCTGATTCTGAGCCAGCTCGCCACGTCTTCTCCTT
CTCCTGGTTGAATCCCTAAATGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012218

Insert Size: 1638 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_001012218.1](#), [NP_001012218.1](#)

RefSeq Size: 2709 bp

RefSeq ORF: 1638 bp

Locus ID: 365751

UniProt ID: [Q5PQN5](#)

Cytogenetics: 2q24

Gene Summary: May regulate gene expression and protein turnover in muscle cells.[UniProtKB/Swiss-Prot Function]