

Product datasheet for **RN208563**

Trim28 (NM_053916) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim28 (NM_053916) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim28
Synonyms:	Kap1; Krip1; Tif1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208563 representing NM_053916
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCTCGGCGGCGGGCGGACTGCGGCGGCTCGGCCGACGGCCGCTCAGCGGCTCTGGTA
 GCCCAGGGTCGGGCGAAGGCTCGGCGGGCGGTGAGAAGCGCCCGCTGCCTCTTCAGCCGCGGGCGCTC
 GGCTCCGCGTCTCCCTGCGGGGGCGGTGGCGAGGCGCAGGAGCTTTTGGAGCACTGCGGCGTGTGT
 CGCGAGCGCTTGCAGGCTGAGCGGGATCCTCGGCTGCTGCCCTGTCTGCATTGCGCTGTAGTGCCTGCC
 TTGGCCCCGTACACCCGCCGAGCTAATAATTCGGGGGATGGCGGCTCGGCGGGCGACGGCGCTATGGT
 GGATTGTCCAGTGTGCAAACAACAGTGTACTCCAAGACATCGTGGAGAATTACTTTATGCGTGATAGT
 GGCAGTAAGGCCCTCTTCTGATCCAGGATGCTAACCAGTGTGCACTAGCTGTGAAGATAACGCCCCAG
 CCACTAGCTATTGTGTGGAGTGTCTGAACCAGTGTGTGAGACCTGTGTGGAGGCTCACCAGCGGGTAA
 ATACACCAAGGATCACACTGTGCGCTCCACGGTCTGCTAAGACTCGAGATGGAGAACGAACAGTCTAT
 TGTAAATGTGCACAAGCATGAACCCCTTGTGCTGTTTTGTGAGAGCTGTGACACGCTCACTTGCCGGGACT
 GCCAACTCAATGCTCACAAAGACCACAGTACCAATTCTTGAAGATGCAGTAAGGAACCAACGTAACCT
 CTTGGCTTCACTGGTGAACGCTCTTGGGACAAACATGCCACACTGCAGAAAAACCAAGGAGGTTGCA
 AGCTCGATCCGCCAGGTGTCTGATGTGCAGAAGCGAGTGCAGGTTGATGTGAAGATGGCCATTCTGCAGA
 TCATGAAGGAGCTGAATAAACGGGGACGAGTCTGGTCAATGATGCCAGAAGGTGACTGAGGGTACGCA
 GGAACGCTGGAGCGTCAGCACTGGACCATGACCAAAATCCAGAAGCACCAGGAACACATTTTGCCTTT
 GCCTCTTGGGCTTTGGAGAGTGATAACAATACAGCCCTTGTCTCTAAGAAGCTGATTTATTTCCAGC
 TGCATCGGGCCCTCAAAATGATTGTGGATCCTGTGGAGCCTCATGGTGAAGATTTTCAGTGGGATCT
 CAATGCCTGGACCAAGAGTGTGAAGCCTTTGGTAAGATTGTGGCTGAGGCTCCTGGTACAAACTCCACG
 GGTCTGGGCCATGGCTCCTCCAAGAGCCCCAGGCCCTTAAGCAAGCAAGGTTCTGGTGTAGCCAGC
 CCATGGAAGTACAAGAGGGCTATGGCTTTGGGACAGATGATCCCTACTCAAGTGCAGAGCCACATGTATC
 AGGCATGAAGCGGTCCCCTCTGGTGGGAGGAGAAGTAAGTGGCCTCATGAGGAAGGTGCCACGTGTGAGC
 CTTGAACGCTGGATCTGGATCTCACCTCTGATAGCCAGCCACCAGTCTTCAAGGCTTTTCTGGAAGCA
 CCACTGAGGACTACAATCTAATTGTTATTGAGCGTGGTGTCTGTCAGCAGCCGCTGGCCAGGCTGGGAC
 TGTGCCACCAGGAGCCCCTGGTCCCCACCCCTGCCTGGCATGGCCATTGTCAAGGAAGAAGAGACAGAA
 GCTGCTATTGGAGCCCCTCTGCTGCCCTGAGGGCCCTGAAACCAAGCCTGTGTTGATGGCTCTGACTG
 AAGGCCCTGGGGCTGAGGGACCTCGTCTAGCTTACCTAGTGGCAGTACCAGCTCAGGCTTGGAGGTGGT
 AGCTCCTGAGGTTACCTCAGCCCCAGTAAGTGGGCCAGGTATCCTGGATGACAGTGCCACTATCTGCCGT
 GTATGCCAGAAGCCAGGTGACCTGGTCAATGTGCAACCAGTGCAGATTTTGTCTCCACCTGGATTGTCACC
 TCCCTTCCCTGCAGGATGTTCCAGGGGAGGAATGGAGTTGCTCACTCTGCCACGTGCTCCCTGATCTAAA
 GGAGGAAGATGGAAGCCTTAGCTTGGATGGAGCAGATAGCACTGGTGTGGTAGCTAAACTCTCACCAGCC
 AACCAGCGAAATGTGAGCGTGTCTGCTGGCCCTTTTCTGCCATGAACCGTGCCGCCCTTGCATCAGC
 TGGCTACCGACTACATTTCCATGGAGCAGCCTGGTGGTACCCTAGACCTGACCTTGATTGCTGCTCG
 CCTCCAAGAGAAGCTGTACCTCCTTATAGCTCCCCCAGGAGTTTGGCCAGGATGTGGCCGCATGTTT
 AAACAGTTCAATAAGCTGACTGAGGACAAGGCAGATGTTCAAGTCCATCATCGGCCCTCCAGCGCTTCTTTG
 AGACACGAATGAATGATGCCTTTGGTGACCAAGTTTCTGCTGTGCTGGTAGAACACCACCAGTAA
 CCTTCCAGTGTGCTAAGTTCTCAGGAGCTGTCTGGTCTGGTGTAGGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053916
Insert Size: 2508 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:	<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_053916.1 , NP_446368.1
RefSeq Size:	3001 bp
RefSeq ORF:	2508 bp
Locus ID:	116698
UniProt ID:	O08629
Cytogenetics:	1q12
Gene Summary:	mouse homolog is a transcriptional repressor; interacts with the Kruppel-associated box A (KRAB-A) domain of C2H2 zinc finger proteins [RGD, Feb 2006]