

Product datasheet for **RN209958**

Trim26 (NM_001011665) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim26 (NM_001011665) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim26
Synonyms:	Znf173
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209958 representing NM_001011665
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGTGAGCCCCCTTGAGGAGTCTGGAAGAGGAGGTAACCTGCTCCATCTGCCTGGATTACCTGC
 GGGACCCGGTGACCATCGACTGTGGCCAGTCTTCTGCCGAAGCTGCACGAGTGATATTCGCCCATATC
 GGGGAACCGCCAGTCTGCCCGCTCGCAAAAAGCCCTTTAAGAAGGAGAACATCCGCCAGTGTGGCAG
 CTTGCAAGCCTGGTAGAGAACATTGAACGGCTGAAGGTAGACAATGGGAAGCAGCCAGGAGAGCTGGCCC
 GAGAGCCACAGGACATGAAGTTGTGTGAGCGGCACCAGGAGAAGCTGCATTACTACTGTGAGGATGATGG
 TAAACTGTTGTGCGTGATGTGCCGTGAGTCCCGGGAGCACCGCCCCACACTGCAGTCTGGTGGAGAAG
 GCTGCCCTGCCTCACAGAGAGAAAATTCTGAACCACTTGAACACCCTGAGGAGAGACAGGGACAAAATCC
 AGGGCTTTCAGGCCAAGGGAGAAGCTGATATTCTGGCTGCACTGACGAAGCTGCAGGAGCAGAGGCAATA
 CATTGTGGCGGAATTTAAGCAGGGCCACCAGTTTCTAAAGAAACGAGAACAGCACCTGCTAGACCAGCTG
 GCCACCCTGGAGCAGCTACTCACTGAGGGCAGGGAGAAGTTCAAGACCCGGGGTGTGAGTGGCTGACC
 GATTGACTCTGGTCATCTCCGAGCTGGAGGGCAAGGCACGACAACCGGCTGCAGAGCTGATGCAGCTGAG
 TGACCGGTTGTATGTCTGTCACTCAGGTACCCACGGAAGAAGTTCTGGATTGGGAAAGCCATCCCTCAC
 ATGGTTAAAAGAAAAGCGGGAGAATTCTCAGATAAACTCTTTCTCTGCAGCGAGGCCTGAGGCAGTTCC
 AAGGCAAGCTGCTGAGAGACTTGGAGTATAAGACAGTAAGCGTCAACCCTGGACCCACAGTCGGCCAGTGG
 ATACCTGCAGCTTTCAGAGGACTGGAAGTGCATTACCTACACCGCCAGTACCAGAGTACTGCCTGCTC
 CCTCAGCAGTTTACTGTGAGCCAGGAGTGTGGGAGCAAGGGCTTACCTGGGCAAGGTATACTGGG
 AGGTAGAGTTGGAGAGAGAAGGCTGGTCCGAGGACGAGGAGGAGGGGAGGAGGAGGAGGAGGAGGAGG
 GGAGGAGGAAGATGAAGAACCTGGCTATGGGGACAGATATGAAGACTGGGAAACAGATGAGGAAGATGAA
 TCCTGGGGAAAGAGGAGGAGGAGGAAGAGGAAGAGGAGGAGGAAGTTCAGGAAAGCTGCATGGTTGGAG
 TGGCAAAGACTCCGTGAAGAGGAAAGGAACTCTCCCTCCGGCCAGAGGATGGCGTGTGGGCCCTTCG
 ACTCTCCCTTCTGGCATCTGGGCCAACACGAGCCAGAGGCCAGCTCTTCCCGGTGCTGCGCCCCCGG
 AGAGTGGGCATTGCCCTGGATTATGAAGGGGCACTGTGACATTACCAATGCAGAGTCCAGGAAGTCA
 TCTATACCTTACGACCACCTTCACTCGGCGCTGGTTCCTTCTGTGGCTCAAGTGGCCAGAAGCAGC
 CCTTCTGCTGAGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001011665
- Insert Size:** 1629 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_001011665.2 , NP_001011665.1
RefSeq Size:	3204 bp
RefSeq ORF:	1629 bp
Locus ID:	309586
UniProt ID:	P62603
Cytogenetics:	20p12
Gene Summary:	E3 ubiquitin-protein ligase which regulates the IFN-beta production and antiviral response downstream of various DNA-encoded pattern-recognition receptors (PRRs). Promotes nuclear IRF3 ubiquitination and proteasomal degradation. Bridges together TBK1 and NEMO during the innate response to viral infection leading to the activation of TBK1.[UniProtKB/Swiss-Prot Function]