

Product datasheet for **MC218823**

Trim26 (NM_001025599) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim26 (NM_001025599) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim26
Synonyms:	AI462198; Zfp173; Zfp1736
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218823 representing NM_001025599
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGT**CAGCCCCCTT**GAGGAGCCTGGAGGAAGAGGTGACCTGCTCCATCTGCCTGGATTACCTGA
 GGGACCCGGT**GACCATCGACTGTGGCCATGTCTTCTGTCGAGCTGCACAAGTGATATCCGCCCATATC**
 GGGGAACCGCCTGTCTGCCCGCTCTGCAAGAAGCCCTTTAAGAAGGAGAACATCCGACCCGTGTGGCAG
 CTAGCAAGTCTGGTGGAGAACATTGAACGGCTGAAGGTGGACAATGGCAGACAGCCAGGAGAGCTCGCCC
 GCGAGCCACAGGACATGAAGTTGTGTGAGCGGCACCAGGAGAAGCTACTACTACTGTGAAGATGATGG
 CAAACTGTTGTGTGTGATGTGCAGGGAGTCCCGGGAGCACCGCCCCACACTGCAGTCTGGTGGAGAAA
 GCCGCCCTGCCTCACAGAGAGAAAATTCTGAACCACTTGAACACCCTAAGGAGAGACAGAGACAAAATCC
 AGGGCTTTCAAGCAAGGGAGAAGCTGATATTCTGGCTGCACTGACAAAGCTGCAGGAGCAGAGGCAGTA
 CATTGTGGCGGAATTTAAGCAGGGCCACCAGTTTCTAAAGAAGCGGGAGCAGCACCTGCTAGACCAGCTG
 GCCACCTTGGAGCAGCTCCTCACCGAGGGCAGGGAGAAGTTCAAGACCCGGGGCGTCACTGAGCTTGACC
 GTTGACTCTGGTCATCTCCGAGCTGGAGGGCAAGGCACGACAGCCAGCTGCAGAGCTGATGCAGGATGT
 CTGCACTACACAGGACACCAAGGACTTCGCCAACAAGTACCCACGGAAGAAGTTCTGGATTGGGAAAGCC
 ATCCCTCACATGGTTAAAAGAAAGGCAGGAGAATTCTCAGATAAACTTCTTCTCTGCAGCGAGGCCTGA
 GGCAGTTCAGGGCAAGCTGCTGAGAGACTTGGAGTATAAGACAGTAAGCGTCACCTGGACCCACAGTC
 GGCCAGTGGATACCTACATCTTTCAGAGGACTGGAAGTGTGTGACCTATACTGGCCAATACCAGAGTGAC
 TGTCTGCTCCCCAGCAGTTTACTGTGAGCCAGGAGTGTGGCAGCAAGGGCTTACATGGGGAAAGG
 TATACTGGGAAGTAGAGTTGGAGAGAGAAGGCTGGTCAGAGGATGAAGAAGAGGGGAGGGAAGAAGA
 AGGGGAAGAAGAGGAAGAAGACGAGGAGGTTGGCTATGGGGACGGATACGAAGACTGGGAAACAGATGAA
 GAAGACGAATCACTGGGGAAAGAGGAAGAGGAGGAAGAGGAAGAAGAAGAAGTTCAAGAAAGCTGCA
 TGGTGGGAGTGGCCAAAGACTCTGTGAAGAGGAAGGGGACCTCTCCCTGCGACCAGAAGATGGTGTGTG
 GGCCCTTCGGCTCTCCCCCTCAGGTATCTGGGCCAACACGAGCCAGAGGCCAGCTGTTCCCGGTGCTG
 CGGCCCCGAGAGTGGGCATCGCCCTGGATTATGAAGGTGGCACTGTGACATTACCAATGCAGAGTCCC
 AGGAACTCATCTATACCTCACGACCACCTTACCCGGCGCTGGTCCCTTCTGTGGCTCAAGTGGCC
 AGGAGCACGCCTTCTGTGAGACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001025599

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_001025599.3](#), [NP_001020770.2](#)

RefSeq Size: 3231 bp

RefSeq ORF: 1638 bp

Locus ID: 22670

UniProt ID: [Q99PN3](#)

Cytogenetics: 17 19.16 cM

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]
Transcript Variant: This variant (1) has an alternate splice site in the 5' UTR, compared to variant 3. Variants 1, 3 and 4 encode the same protein.