

Product datasheet for **MC228245**

Trim26 (NM_001286726) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
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:	>MC228245 representing NM_001286726 Red=Cloning site Blue=ORF Orange=Stop codon
	TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCAGTGTGAGCCCCCTTGAGGAGCCTGGAGGAAGAGGTGACCTGCTCCATCTGCCTGGATTACCTGA GGGACCCGGTGACCATCGACTGTGGCCATGTCTTCTGTCGAGCTGCACAAGTGATATCCGCCCATATC GGGGAACCGGCCTGTCTGCCGCTCTGCAAGAAGCCCTTTAAGAAGGAGAACATCCGACCCGTGTGGCAG CTAGCAAGTCTGGTGGAGAACATTGAACGGCTGAAGGTGGACAATGGCAGACAGCCAGGAGAGCTCGCCC GCGAGCCACAGGACATGAAGTTGTGTGAGCGGCACCAGGAGAAGCTACACTACTACTGTGAAGATGATGG CAAACGTGTTGTGTGATGTGAGGGAGTCCCGGGAGCACCGCCCCACACTGCAGTCTGGTGGAGAAA GCCGCCTGCCTCACAGAGAGAAAATTCTGAACCACTTGAACACCCTAAGGAGAGACAGAGACAAAATCC AGGGCTTTCAAGCCAAGGGAGAAGCTGATATTCTGGCTGCACTGACAAAGCTGCAGGAGCAGAGGCAGTA CATTGTGGCGGAATTTAAGCAGGGCCACCAGTTTCTAAAGAAGCGGGAGCAGCACCTGCTAGACCAGCTG GCCACCTTGAGCAGCTCCTCACCGAGGGCAGGAGAAAGTTCAAGACCCGGGGCGTCAGTGAGCTTGACC GGTTGACTCTGGTCATCTCCGAGCTGGAGGGCAAGGCACGACAGCCAGCTGCAGAGCTGATGCAGGATGT CTGCACTACACAGGACACCAAGGACTTCGCCAACAAAGTACCCACGGAAGAAGTTCTGGATTGGGAAAGCC ATCCCTCACATGGTTAAAGAAAGGCAGGAGAATTCTCAGATAAACTTCTTTCTGTCAGCGAGGCCTGA GGCAGTTCAGGGCAAGCTGCTGAGAGACTTGGAGTATAAGACAGTAAGCGTCACCTGGACCCACAGTC GGCCAGTGGATACCTACATCTTTAGAGGACTGGAAGTGTGTGACCTATACTGGCCAATACCAGAGTGAC TGTCTGCTCCCCAGCAGTTTACTGTGAGCCAGGAGTGTGGGCAGCAAGGGCTTCACATGGGGAAGG TATACTGGGAAGTAGAGTTGGAGAGAGAAGCTGGTCAGAGGATGAAGAAGAGGGGGAGGAGGAAGAAGA AGGGGAAGAAGAGGAAGAAGACGAGGAGGTTGGCTATGGGGACGGATACGAAGACTGGGAAACAGATGAA GAAGACGAATCACTGGGGGAAGAGGAAGAGGAGGAAGAGGAAGAAGAAGAAGATTGAGGAAAGCTGCA TGGTGGGAGTGGCCAAAGACTCTGTGAAGAGGAAGGGGACCTCTCCCTGCGACCAGAAGATGGTGTGTG GGCCCTTCGGCTCTCCCCTCAGGTATCTGGGCCAACACGAGCCAGAGGCCAGCTGTTCCCGGTGCTG CGGCCCCGAGAGTGGGCATCGCCCTGGATTATGAAGGTGGCACTGTGACATTACCAATGCAGAGTCCC AGGAACTCATCTATACCTTCACGACCACCTTCACCGGCGCCTGGTTCCCTTCTGTGGCTCAAGTGGCC AGGAGCACGCCTTCTGCTGAGACCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001286726
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001286726.1, NP_001273655.1</u>
RefSeq Size:	3250 bp
RefSeq ORF:	1638 bp
Locus ID:	22670
UniProt ID:	<u>Q99PN3</u>
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 (3) represents the longest transcript. Variants 1, 3 and 4 encode the same protein.