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Product datasheet for MC228246

Trim26 (NM_001286727) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim26 (NM_001286727) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim26
Synonyms:	AI462198; Zfp173; Zfp1736
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC228246 representing NM_001286727
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGTGTCAGCCCCCTTGAGGAGCCTGGAGGAAGAGGTGACCTGCTCCATCTGCCTGGATTACCTGA
GGGACCCGGTGACCATCGACTGTGGCCATGTCTTCTGTCGCAGCTGCACAAGTGATATCCGCCCCATATC
GGGGAACCGGCCTGTCTGCCCGCTCTGCAAGAAGCCCTTTAAGAAGGAGAACATCCGACCCGTGTGGCAG
CTAGCAAGTCTGGTGGAGAACATTGAACGGCTGAAGGTGGACAATGGCAGACAGCCAGGAGAGCTCGCCC
GCGAGCCACAGGACATGAAGTTGTGTGAGCGGCACCAGGAGAAGCTACACTACTACTGTGAAGATGATGG
CAAACTGTTGTGTGTGATGTGCAGGGAGTCCCGGGAGCACCGCCCCCACACTGCAGTCCTGGTGGAGAAA
GCCGCCCTGCCTCACAGAGAGAAAATTCTGAACCACTTGAACACCCTAAGGAGAGACAGAGACAAAATCC
AGGGCTTTCAAGCCAAGGGAGAAGCTGATATTCTGGCTGCACTGACAAAGCTGCAGGAGCAGAGGCAGTA
CATTGTGGCGGAATTTAAGCAGGGCCACCAGTTTCTAAAGAAGCGGGAGCAGCACCTGCTAGACCAGCTG
GCCACCTTGGAGCAGCTCCTCACCGAGGGCAGGGAGAAGTTCAAGACCCGGGGCGTCAGTGAGCTTGACC
GGTTGACTCTGGTCATCTCCGAGCTGGAGGGCAAGGCACGACAGCCAGCTGCAGAGCTGATGCAGGATGT
CTGCACTACACAGGACACCAAGGACTTCGCCAACAAGTACCCACGGAAGAAGTTCTGGATTGGGAAAGCC
ATCCCTCACATGGTTAAAAGAAAGGCAGGAGAATTCTCAGATAAACTTCTTTCTCTGCAGCGAGGCCTGA
GGCAGTTCCAGGGCAAGCTGCTGAGAGACTTGGAGTATAAGACAGTAAGCGTCACCCTGGACCCACAGTC
GGCCAGTGGATACCTACATCTTTCAGAGGACTGGAAGTGTGTGACCTATACTGGCCAATACCAGAGTGAC
TGTCTGCTCCCCCAGCAGTTTGACTGTGAGCCAGGAGTGTTGGGCAGCAAGGGCTTCACATGGGGAAAGG
TATACTGGGAAGTAGAGTTGGAGAGAGAAGGCTGGTCAGAGGATGAAGAAGAGGGGGAGGAGGAAGAAGA
AGGGGAAGAAGAGGAAGAAGACGAGGAGGTTGGCTATGGGGACGGATACGAAGACTGGGAAACAGATGAA
GAAGACGAATCACTGGGGGAAGAGGAAGAGGAGGAAGAGGAAGAAGAAGAAGAAGTTCAGGAAAGCTGCA
TGGTGGGAGTGGCCAAAGACTCTGTGAAGAGGAAAGGGGACCTCTCCCTGCGACCAGAAGATGGTGTGTG
GGCCCTTCGGCTCTCCCCCTCAGGTATCTGGGCCAACACGAGCCCAGAGGCCCAGCTGTTCCCGGTGCTG
CGGCCCCGGAGAGTGGGCATCGCCCTGGATTATGAAGGTGGCACTGTGACATTCACCAATGCAGAGTCCC
AGGAACTCATCTATACCTTCACGACCACCTTCACCCGGCGCCTGGTTCCCTTCCTGTGGCTCAAGTGGCC
AGGAGCACGCCTTCTGCTGAGACCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001286727

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.
RefSeq:	NM_001286727.1, NP_001273656.1
RefSeq Size:	3199 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 (4) has an alternate splice junction in the 5' UTR, compared to variant 3. Variants 1, 3 and 4 encode the same protein.