

Product datasheet for **MR230456**

Trim26 (NM_001286726) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim26 (NM_001286726) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim26
Synonyms:	AI462198; Zfp173; Zfp1736
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR230456 representing NM_001286726
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGT**CAGCCCCCTT**GAGGAGCCTGGAGGAAGAGGTGACCTGCTCCATCTGCCTGGATTACCTGA
 GGGACCCGGT**GACCATCGACTGTGGCCATGTCTTCTGTGCGCAGCTGCACAAGTGATATCCGCCCCATATC**
 GGGGAACCGCCTGTCTGCCCGCTCTGCAAGAAGCCCTTAAAGAAGGAGAACATCCGACCCGTGTGGCAG
 CTAGCAAGTCTGGTGGAGAACATTGAACGGCTGAAGGTGGACAATGGCAGACAGCCAGGAGAGCTCGCCC
 GCGAGCCACAGGACATGAAGTTGTGTGAGCGGCACCAGGAGAAGCTACACTACTACTGTGAAGATGATGG
 CAAACTGTTGTGTGTGATGTGCAGGGAGTCCCGGGAGCACCGCCCCACACTGCAGTCTGGTGGAGAAA
 GCCGCCCTGCCTCACAGAGAGAAAATTCTGAACCACTTGAACACCCTAAGGAGAGACAGAGACAAAATCC
 AGGGCTTCAAGCAAGGGAGAAGCTGATATTCTGGCTGCACTGACAAAGCTGCAGGAGCAGAGGCAGTA
 CATTGTGGCGGAATTTAAGCAGGGCCACCAGTTTCTAAAGAAGCGGGAGCAGCACCTGCTAGACCAGCTG
 GCCACCTTGGAGCAGCTCCTCACCGAGGGCAGGGAGAAGTTCAAGACCCGGGGCGTCACTGAGCTTGACC
 GTTGACTCTGGTCATCTCCGAGCTGGAGGGCAAGGCACGACAGCCAGCTGCAGAGCTGATGCAGGATGT
 CTGCACTACACAGGACACCAAGGACTTCGCCAACAAAGTACCCACGGAAGAAGTTCTGGATTGGGAAAGCC
 ATCCCTCACATGGTTAAAAGAAAGGCAGGAGAATTCTCAGATAAACTTCTTCTCTGCAGCGAGGCCTGA
 GGCAGTTCAGGGCAAGCTGCTGAGAGACTTGGAGTATAAGACAGTAAGCGTCACCCTGGACCCACAGTC
 GGCCAGTGGATACCTACATCTTTCAGAGGACTGGAAGTGTGTGACCTATACTGGCCAATACCAGAGTGAC
 TGCTGCTCCCCAGCAGTTTACTGTGAGCCAGGAGTGTGGCAGCAAGGGCTTACATGGGGAAAGG
 TATACTGGGAAGTAGAGTTGGAGAGAGAAGGCTGGT**CAGAGGATGAAGAAGAGGGGAGGGAAGAAGA**
 AGGGGAAGAAGAGGAAGAAGACGAGGAGTGGCTATGGGGACGGATACGAAGACTGGGAAACAGATGAA
 GAAGACGAATCACTGGGGAAAGAGGAAGAGGAGGAAGAGGAAGAAGAAGAAGTTCAGGAAAGCTGCA
 TGGTGGGAGTGGCCAAAGACTCTGTGAAGAGGAAAGGGGACCTCTCCCTGCGACCAGAAGATGGTGTGTG
 GGCCCTTCGGCTCTCCCCCTCAGGTATCTGGGCCAACACGAGCCAGAGGCCAGCTGTTCCCGGTGCTG
 CGGCCCGGAGAGTGGGCATCGCCCTGGATTATGAAGGTGGCACTGTGACATTACCAATGCAGAGTCCC
 AGGAACTCATCTATACCTCACGACCACCTTACC**CGGCCTGGTCCCTTCTGTGGCTCAAGTGGCC**
 AGGAGCACGCCTCTGCTGAGACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230456 representing NM_001286726
 Red=Cloning site Green=Tags(s)

MAVSAPLRSLEEEVTCISICLDYL RDPVTIDCGHVFCRSCTSDIRPISGNRPVCPLCKKPFKKNIRPVWQ
 LASLVENIERLKVDNGRQPGELAREPQDMKLCERHQEKLHYCEDDGKLLCVMCRSREHRPHTAVLVEK
 AALPHREKILNHLNLRDRDKIQGFQAKGEADILAAALTKLQEQRQYIVAEFKQGHQFLKKREQHLLDQL
 ATLEQLL TEGREKFKTRGVSELDRLTLVISELEGKARQPAEELMQDVCTTQDTKDFANKYPRKKFWIGKA
 IPHMVKRKAGEFSDKLLSLQRGLRQFQKLLRDLEYKTVSVTLDPQSASGYLHLSWDKCVTYTGQYQSD
 CLLPQQFDCEPGVLGSKGFTWGVVYWELEREGWSEDEEEEGEEEEEEDEEVGYGDGYEDWETDE
 EDESLGEEEEEEEEEEVQESCMVGVAKDSVKRKGDLSLRPEDGVWALRLSPSGIWANTSPEAQLFPVL
 RPRRVGIALDYEGTVTFNAESQELIYFTTTFTRRLLVPFLWLKWPGARLLLRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001286726

ORF Size: 1635 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001286726.1](#), [NP_001273655.1](#)

RefSeq Size: 3250 bp

RefSeq ORF: 1638 bp

Locus ID: 22670

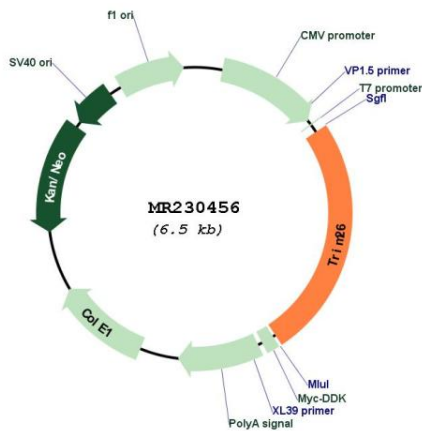
UniProt ID: [Q99PN3](#)

Cytogenetics: 17 19.16 cM

MW: 62.8 kDa

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]

Product images:



Circular map for MR230456