

Product datasheet for **MR221379**

Trim38 (NM_001029935) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim38 (NM_001029935) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim38
Synonyms:	Gm23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR221379 representing NM_001029935
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCAGACTTTAGCACGGTGAAGATAAGAAAGGTCACTTCTTGCTCCATCTGCAAGGCCATGATGT
 CTCACCCAGTGAGCATCAACTGTGGACACAGCTACTGCAATCCTGCATACAGAGCTATTATTGCAATGT
 CAGCCCAAAAACAGGGTGAAGATGTTGGGCTGCTCTTTGTGTAGTAGTCCATTTAGCTTAGAGAACCTC
 AGGCCAACAAAGGAGCTAGAAACCATAATTGATATGATCAAGGGGATGGAAGAGCAGGATCAAGACATGG
 TGTGTGAGGAACATGAAGAGAAGTTCAATCGCTTTTGTGAAGATGACGGTCAACTCCTCTGCTGGCGCTG
 TTATTGGGAAGATCGGCACAAAGGTCATACCTGGCTCATGTGAAAGATGTGTACCAGAACTACAAGGAA
 AAACCTCAGAACACCATGACAAAATTGCGTGAACCTCAAGAGAATCACGAAGTTCAGATACATTTTCATAA
 CACACCAATAAATGCCTGGAAGGATGCTGTAGAGGATCGTCGGCAAACAATCAAGTCAAACCTTCAAGAA
 TCTCCAGAGTTTTCTACAGGAAGAAGAGAAGTTTTATCTTTGGAGTTGGAAAATGAGGAAAAGGAGATG
 CTGGTGCAGCTGGAAGGCAGCGAGGCCAATCTACAGCAGACGTTTGGAGAGCTCAATGCCAAATTCAGG
 AACTGGAGGCAAAATGTAGGGCTCAGCCAGAAATTGCTACAGGACGTGAAAAACACTTTGAGCAGGTG
 TGAGGCCATGAAGCGAAACCCACTGAAGGCTGATCCCCTGAAGGTTACACTAAATGTAATGTGTCTGAG
 CTGTACTTCGATGTGAAGACGATATTACGACGTCACCAAGTCAGCGTGATCCTGGACCCAGCACAGCCC
 ACCTTGACCTAGCTCTGACTAAAGGTGGAAGATTAGTGACTTACAAAAGATGCCCCAGGGATCTTCAGGC
 AAGATCTTCAGCAAGAGGTTTTATGGTTTACCCTGTGCTCTGGGCTGTGAGGGCTTTACTTCGGGGAGA
 TATTACTTTGAAGTCTCTGTTGAGAATGCAACCAGTTGGGATTTGGGAGTCTGTGTAGAGAATGTGCACA
 GGGGCTTAAACATGAAGAAGGAGCCTGAGTCTGGATTCTGGACCATCAAGATGTCTGAAGAGGACGGCTC
 TGAAGCTCTTACTTCTACCCCTACTCCTCCCTCATCTGATTGAAAAGCCCAGATTCTGGGAGTTTTTC
 CTAGACTATGAGGCTGGAGCTGTATCGTTTTACAGTGTAACTACTGGCTCTCATATCTTACCTTCCTTA
 AGGCTTCTTCCAGGATACTCTGAGGCCCTTTTTCCAGGTTTATCAATATTCTCCTTTGTTCTGCTGCTGC
 CATAAATAATCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221379 representing NM_001029935
 Red=Cloning site Green=Tags(s)

MGSDFSTVKIRKVTSCSICKAMMSHPVSIKNGHSYCKSCIQSYCNVSPKGTWKMLGCPLCSSPFSLENL
 RPNKELETIIDMIKGMEEQDQDMVCEEHEEFNRFCEDDGQLLWRCYWEDRHKGHTLAHVKDQVYQNYKE
 KLQNTMTKLRRELQENHEVQIHFITHQINAWKDAVEDRRQTIKSNFKNLQSFLQEEEFYLRLENEEKEM
 LVQLEGSEANLQTFERAQCQIQLEAKCQGSQKLLQDVKNLNRCEAMKRNPPLKADPLKVHTKCNVSE
 LYFDVKTILRRHQVSVILDPSTAHLDLALTKGGRLVTYKRCPRDLQARSSAKRFYGLPCVLGCEGFTSGR
 YYFEVSVENATSWDLGVCVENVHRGFNMKKEPESGFWTIKMSEEDGLEALTSTPTPLHLIEKPIQLGVF
 LDYEAGAVSFYSVTTGSHIFTFPKASFQDTRPFFQVYQYSPLFLPAINNQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9081_c06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001029935

ORF Size: 1413 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.

RefSeq: [NM_001029935.2](#), [NP_001025106.1](#)

RefSeq Size: 1480 bp

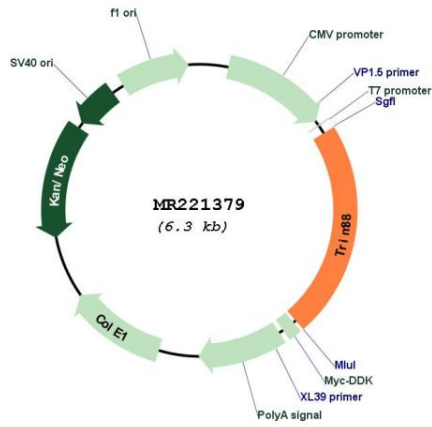
RefSeq ORF: 1416 bp

Locus ID: 214158

Cytogenetics: 13 A3.1

MW: 54.4 kDa

Product images:



Circular map for MR221379