

Product datasheet for **MC221114**

Trim42 (NM_030219) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Trim42
Synonyms:	4930486B16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221114 representing NM_030219
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGACGGCTATGTGTGCTGTTCTCCCTGCTGTACCTGGCAGAGATGCTGCCCCGGCTGTTCTCCT
 GCCTGTGCTGCAAGTTCATCTTCACCTCCGAGCGGAACGACCTGCTTCCCCTGCCCTACAAGGATGA
 GCGGAAGTCCAGTTCGCACTGCACCTGTGCAGAGAACCCCAATTGCCACTGGTGTGCTGCTCCTGG
 GCCAATGACCCCACTGTAAGTGTGCTGCACGGCCAGCACCAATCTGAAGTGTACTACTACGAGAGCC
 ACTGCTGCCGAATGTTACCATCACATTGAGAAAGGGTCGCTTTCGAAGCATCGTCACCTCCTCTAAGAC
 CGCCCTCCGGGTGGGGAGCAGCGATCTCAGATGGATGAACCAAGACCATGCCTGCCAGCAGCCACCTG
 GTGAGCCACCTCACCTGCCCCATGTGCAACCGGCTGCGCTGCACTCCTTCATGCTGCCCTGCAACCACA
 GCCTATGCGAGAAGTGCCTGCGGCAGCTGCAAAAGCAGCCGAGGTACGAGAGAATTTCTTCATCCTCAT
 CTGCCCCATGTGCAGCCGCTCGCACTGTATGCCCTACAGCCACCAGATGCACCTGCCAGAAAACCTG
 CGCGGGCGCCTTACTAAACGCTACATGCAGCAGCAGGCTACCTCAAGTGGCGCTTCGACCGCTCCTCAG
 GGCCCATCCTCTGCCAGGTGTGCCGACCCGGCGCATTGCCTACAAGCGCTGTGTACCTGTGCTCTCAA
 CCTGTGCAACGACTGTCTCAAGGCCTTCCACTCAGACGTGGCCATGCAGGACCAGCTTTCGTGGACACC
 AGCGCTGAGGACCAGGATGAGAAGATTTGCATCCACCATCCATCCAGCCGATCAACGAGTACTGCCGA
 GCGACAACCAGCTACTCTGCGCTTTCTGCAAGATCGCTTTCACAATGGCCATGACACGGTCAGCCTCAT
 AGACGCTGTCCGAGAGGTCTGCTGCCCTCTTCAGTGCCATCGCCAAGTTCAAAGCAGTCCGATATGAA
 ATTGATAATGACCTGATGGAATTCACATTCTAAAGAGCAGTTTTAAAGCTGACAAGGAAGCAAAGAGGA
 AGGAGGTCCGAATGGTTTCTCAAACGCGAGCCATCCTTCAAGAGAAAGAAAGATCATCATGGAACA
 GATAGAGAATCTGGAAGTGTCCAGGCAGAAAGAAATTGAGAAATATGTGTACATTACGACCATGAAAGTG
 AACGAAATGGATGGCTGATTGCTTACTCCAAAGAAGCCCTGAAGGAAACAGGACAGGTGGCCTTCTGCT
 AGTCTGCCAAGATCCTGGTAGACCAGATTGAGGAGGCATCCAGAATACCTTCAGGCCCGACCTCAGCT
 GCGGCTTCACTCCTACACTGTATCCCCTTGGATTTTGCTGAACTCTCCAATGCCATCCACGAGCTCTTT
 CCCACGGGACCCAAAAAGGCTTGCTCCTCTGGGGACTCACTCCCTCCCAAGTATCCTATCCACTCAGAAA
 TGATGATCGCCAGGAAGGTGACATTGAGCACCATAGCTTCGGCAACCAGCAGATATACCAGCGGAGCTC
 TTCTTGATATCCTTCAACACCGCCAATGACAAGGGCAAGATGGGTCTGGAGAAGTACGGGAGAGCCAG
 TCTGCCGCGCCGCAAGACGACTGACGGCCTTTACACCTACTGGAGTGCCACAGGGGAAACCCAGCCCC
 CGCAGAGCAGTAACAGCTTCCACAACCTGGTATTCTTCAACGACACCTCTGTGAGGACCCAGGCCCAAT
 TGTCATCTACCAGACACTGGTGTACCCAAGAGCTGCCAAGGTTTACTGGACGTGCCAACAGAAGACGTG
 GACTCCTTTGAGATGGAATTCATGAGCTCGTTACACCCCTCCTAATAATGTGCGCACAGAGCTCTGTG
 GACAAATTCGCGACATCCTGCAGCAGAACCTGGAGCTACACAACCTGACCCCAACACTGAGTATTTGTT
 CAAGGTTAGAGCCATCAATGATAATGGTCCCGGCAGTGGAGTGACATCTGCAAGGTGGTAACACCAGAT
 GGGCGTGGGAAGAACGGGCTAAGTGGGGACTCTGAAGAATCCAGTCTGCCCTCCAGAAGCGCTTCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_030219

Insert Size:

2172 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_030219.2</u> , <u>NP_084495.2</u>
RefSeq Size:	2465 bp
RefSeq ORF:	2172 bp
Locus ID:	78911
UniProt ID:	<u>Q9D2H5</u>
Cytogenetics:	9 E3.3