

Product datasheet for MC218696

Trim46 (BC065049) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Trim46 (BC065049) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Trim46
 Synonyms: TRIFIC
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC065049
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGAACATGGAGAAGGAAGTCTGTGCCAGTGTGCCAAGAGATGTACAAGCAGCCACTAGTGCTGC
 CTTGTACCCACAACGTGTGCCAGGCCTGTGCCGGGAGGTTTTGGCCAGCAGGGGTACATAGGCCATGG
 TGGGGATCCGAGTTCGGAGCCCACTTCTCCTGCTCCACCCCTTCTACCCGCAGCCCCCGCTCTCTCGG
 AGAACTCTCCCAAGCCAGATCGCTTGGACCGGCTCCTTAAGTCAGGCTTTGGGACATACCTGGGCGGA
 AGCGTGGTGCCTTGCACCCCAAGACGATCCTATCCCGTGCACGCTGCCAAGGCGATGTGGAGCTGGG
 GGAGAGGGGCTTTCCGGGCTTTCCGAAACCTGACCCTAGAGCGAGTGGTGGAGAGGTACCGCCAGAGT
 GTGAGTGTGGGAGGAGCCATCCTGTGCCAGTGTGCAAGCCCCACCCTAGAGGCCACCAAGGGCTGCA
 CAGAGTGTGAGCTACCTTCTGTAAACGAATGCTTCAAGCTTCCACCCCTGGGGCACTCAGAAGGCGCA
 GCATGAGCCACGCTACCCACTCTTTCATTCCGCCCAAGGGTCTGATGTGTCCAGACCACAAGGAAGAG
 GTGACCCACTACTGTAAGACATGTCAACGACTGGTGTGCCAAGTCTGCAGAGTACGGCGTACCCACAGTG
 GGCACAAGATCACACCAGTGTCTAGTGCCTACCAGGCCCTCAAGGATAAGCTAACAAAGAGCCTGGCATA
 CATCTTGGGAAACCAGGACACTGTGCAGACCCAGATTTGTGAGCTGGAAGAGACCATCAGGCACACTGAG
 GTGAGTGGTCAAGCAAAAAGAGGAGGTGCCAGCTGGTTCGGGGACTAGGGGCTGTGCTGGAAGAGA
 AGCGGGCCTCACTGCTTCAGGCCATTGAAGAATGCCAGCAAGAGCGCTTATCCCGCTCAGCGCCAGAT
 CCATGAACACCAGAGCCTGCTGGATGGCTCGGGTCTGGTGGGTTATGCGCAGGAAGTCTTAAGGAAACA
 GACCAGCCTGTTTTGTACAAGCAGCCAAACAGCTGCATAACAGGATTGCCCGAGCCACTGAGGCCCTCC
 AGACATTCGGCCAGCTGCCAGCTCCTCCTCCGCCACTGCCAGCTGGATGTGGGGCGTGAGATGAAGCT
 GTTGACCGAGCTTAGCTTCTGAGAGGCTGTGGCCACCGGACTCTGCTCCGGAGCACCACAGTCCCGC
 AGCGCCCGTCATAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	BC065049
Insert Size:	1275 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:	<ol style="list-style-type: none">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:	<u>BC065049</u> , <u>AAH65049</u>
RefSeq Size:	3233 bp
RefSeq ORF:	1274 bp
Locus ID:	360213
Cytogenetics:	3 F1
Gene Summary:	Microtubule-associated protein that is involved in the formation of parallel microtubule bundles linked by cross-bridges in the proximal axon. Required for the uniform orientation and maintenance of the parallel microtubule fascicles, which are important for efficient cargo delivery and trafficking in axons. Thereby also required for proper axon formation, the establishment of neuronal polarity and proper neuronal migration.[UniProtKB/Swiss-Prot Function]