

Product datasheet for **MC221243**

Trim2 (NM_030706) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim2 (NM_030706) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim2
Synonyms:	mKIAA0517; narf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221243 representing NM_030706
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCGTGCAGGGTCGAGGACAGCCGGCCCCCATGTCAAGTGGTCTAGGATGGCCAGTGAAGGCGCCA
 GCATCCCAAGTCCCGTGGTGCGCCAGATTGACAAGCAGTTTCTGATCTGCAGTATATGCCTGGAACGGTA
 CAAGAACCCCAAGGTCTGCCCTGTCTGCACACTTTCTGCGAGAGGTGCCTGCAGAACTACATCCCAGCC
 CACAGTTTAACCTCTCCTGCCCGTGTGTGCCAGACATCCATCCTGCCCGAGAAAGGGGTGGCCGCAC
 TTCAGAACAATTCTTTATCACGAACCTCATGGATGTGCTGCAGCGGACGCCAGGAGCAACGGCGAGGA
 CTCTTCCATCCTGGAGACGGTCAACCGTGTGGTGCAGGAAAGCCTTTTCGTGCCCAAACCATGATGGA
 AATGTGATGGAATTTTACTGCCAGTCTGTGAGACCGCCATGTGTGGGAGTGCACGGAGGGGGAGCAGC
 CGGAGCACCCACAGTCCCGCTGAAGGATGTGGTGGAGCAGCACAAAGGCCTCGTCCAGGTCCAGCTGGA
 CGCAGTCAACAAAAGACTCCCAGAAATAGATTCTGCTCTTCAGTTCATCTCAGAAATCATCCATCAGTTA
 ACCAACCAAAAAGGCCAGCATTGTGGATGACATCCACTCCACCTTTGATGAGCTGCAGAAGACTTTAAATG
 TTCGAAGAGCGTGTCTCATGGAGTTGGAGTCAACTATGGTCTCAAACACAAAGTGCTGCAGTCGCA
 GCTGGATACCCTGCTCCAAGGCCAGGAAAGCATTAAAGAGCTGCAGCAACTTCACGGCTCAGGCCCTCAAC
 CATGGCACGGAGACGGAGGTGCTGCTGGTGAAGAAGCAGATGAGCGAGAAGCTGAACGAAGTGGCGGACC
 AGGACTTCCCCTGCACCCGCGCGAGAAGCAGCAGCTGGATTTTATCGTGGAAACGGAGGGACTGAAGAA
 GTCTATCCACAACCTGGGGACCATCCTCACCCTAACCGCGTGCCTCTGAGACGGTGGCCACGGGGGAG
 GGGCTGCGGCAGACCATCATCGGGCAGCCATGTCGTTACTATAACCACCAAGGACAAAGACGGAGAGC
 TGTGCAAGACAGGCAACGCATACCTCACCGTGAAGTGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 GATCCTGGACAACAAGAACGGCACCTACGAGTTCTTGTATACTGTGCAGAAGGAGGGGACTTCACCTGT
 TCCTCAGGCTCTACGACCAGCATATCCGAGGAGCCCGTTTAAAGCTCAAGGTCTCCGCTCTGCCGACG
 TGTCCCCACCACCGAGGGCGTGAAGCGCAGAGTCAAGTCCCCGGGGAGCGGGCACGTCAAGCAGAAGGC
 TGTGAAGAGACCTGCCAGCATGTACAGCACCGCAAGCGAAAAGAGAACCCCATCGAGGACGACCTGATC
 TTCGAGTCCGTACCAAAGGAAGAAACAAGGAGAATTTACAACCTGCAGGGTGTGGCTGCATCTACAA
 GTGGAAAGATATTAATTGCAGATAGTAAACACAGTGTGTGCAGATCTTTTCCAATGATGGACAGTTCAA
 AAGTCGTTTCGGCATCCGAGGACGATCACCGGACAGCTCCAGCGGCCACGGGGTAGCGGTGCACCCC
 AGTGGGGACATCATCATTGCAGATTATGACAACAAGTGGGTTAGCATTTTCTCCAATGATGGGAAGTTTA
 AGACAAAATTTGATCAGGAAAAGTATGGGGCCCAAAGGAGTTTCTGTGGACCGCAATGGGCACATTAT
 TGTGGTGGACAACAAGGCGTGTGTGTTTATCTTCCAGCCCAACGGGAAAATAGTCCACAGGTTTGGT
 AGCCGAGGAAACGGGGACAGGAGTTTGCAGGTCCCACTTTGCAGCTGTGAATAGCAATAATGAGATCA
 TCATTACAGATTTCCATAATCACTCTGTCAAGGATTTAATCAGGAAGGAGAATTCATGTTGAAGTTTGG
 CTCCAATGGAGAAGGAAATGGGCAGTTTAAATGCACCAACAGGTGTGGCCGTGGACTCAAATGGGAACATC
 ATTGTGGCTGACTGGGGAAACAGCAGGATCCAGGTTTTGATGGGAGTGGATCATTTTTGTCCTATATCA
 ACACATCTGCTGACCCGCTCTATGGCCCCAGGGCCTGGCTCTCACTTCAGATGGCCATGTTGTGGTTGC
 AGACTCCGAAACCACTGTTTCAAGGTCTACCGTACTTACAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030706
Insert Size: 2286 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:	NM_030706.3 , NP_109631.2
RefSeq Size:	7207 bp
RefSeq ORF:	2286 bp
Locus ID:	80890
UniProt ID:	Q9ESN6
Cytogenetics:	3 F1
Gene Summary:	<p>UBE2D1-dependent E3 ubiquitin-protein ligase that mediates the ubiquitination of NEFL and of phosphorylated BCL2L11. Plays a neuroprotective function. May play a role in neuronal rapid ischemic tolerance.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) contains a distinct 5' UTR and differs in the 5' coding region, compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus, compared to isoform 1.</p>