

## Product datasheet for **MC228905**

### Trim2 (NM\_001271725) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim2 (NM_001271725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim2
Synonyms:	mKIAA0517; narf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228905 representing NM\_001271725  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCAGGAGTGCCGTTATGGAACCCAGCAGCGTGCAGGGTCGAGGACAGCCGCCCCCATGTCACT  
 GGCTAGGATGGCCAGTGAGGGCGCCAGCATCCCAAGTCCCGTGGTGCAGGATGACAAGCAGTTTCT  
 GATCTGCAGTATATGCCTGGAACGGTACAAGAACCCCAAGGTCCTGCCCTGTCTGCACACTTTCTGCGAG  
 AGGTGCCTGCAGAACTACATCCCAGCCACAGTTTAAACCTCTCCTGCCCGTGTGTGCGCAGACATCCA  
 TCCTGCCCGAGAAAGGGGTGGCCGCACTTCAGAACAACTCTTTATCACGAACCTCATGGATGTGCTGCA  
 GCGGACGCCAGGCAGCAACGGCGAGGACTCTTCCATCCTGGAGACGGTCACCGCTGTGGCTGCAGGAAAG  
 CCTTTTCGTGCCAAACCATGATGGAATGTGATGGAATTTACTGCCAGTCTGTGAGACCGCCATGT  
 GTCGGGAGTGCACGGAGGGGAGCACGGGAGCACCCACAGTCCCGCTGAAGGATGTGGTGGAGCAGCA  
 CAAGGCCCTCGCTCCAGGTCAGCTGGACGAGTCAACAAAAGACTCCCAGAAATAGATTCTGCTCTTCAG  
 TTCATCTCAGAAATCATCCATCAGTTAACCAACCAAAAAGGCCAGCATTGTGGATGACATCCACTCCACCT  
 TTGATGAGCTGCAGAAGACTTTAAATGTTGCAAGAGCGTGTGCTCATGGAGTTGGAGGTCAACTATGG  
 TCTCAAACACAAAGTGTGAGTCGACGCTGGATACCCTGCTCCAAGGCCAGGAAAGCATTAAGAGCTGC  
 AGCAACTTCACGGCTCAGGCCCTCAACCATGGCACGGAGACGGAGGTGCTGCTGGTGAAGAAGCAGATGA  
 GCGAGAAGCTGAACGAACTGGCGGACCAGGACTTCCCCTGCACCCGCGCGAGAACGACCAGCTGGATTT  
 TATCGTGGAAACGGAGGGGACTGAAGAAGTCTATCCACAACCTGGGGACCATCCTCACCCTAACCGGGTC  
 GCCTCTGAGACGGTGGCCACGGGGGAGGGGCTGCGGCAGACCATCATCGGCAGCCCATGTCCGTTACTA  
 TAACCACCAAGGACAAAGACGGAGAGCTGTGCAAGACAGGCAACGCATACCTCACCGCTGAGCTCAGCAC  
 CCCGGACGGCAGCGTGGCCGACGGAGAGATCCTGGACAACAAGAACGGCACCTACGAGTCTTGTATACT  
 GTGCAGAAGGAGGGGACTTACCCCTGTCCCTCAGGCTCTACGACCAGCATATCCGAGGCAGCCCGTTTA  
 AGCTCAAGGTCATCCGCTCTGCCGACGTGTCCCCACCACCGAGGGCGTGAAGCGACGAGTCAAGTCCCC  
 GGGGAGCGGGCACGTCAAGCAGAAGGCTGTGAAGAGACCTGCCAGCATGTACAGCACCGGCAAGCGAAAA  
 GAGAACCCTCGAGGACGACCTGATCTCCGAGTCGGTACCAAAGGAAGAAACAAGGAGAATTTACAA  
 ACCTGCAGGGTGTGGCTGCATCTACAAGTGAAAGATATTAATTGCAGATAGTAAACACAGTGTGTGCA  
 GATCTTTTCCAATGATGGACAGTTCAAAGTCGTTTCGGCATCCGAGGACGATCACCCGGACAGCTCCAG  
 CGGCCACGGGGTAGCGGTGCACCCAGTGGGGACATCATCATTGCAGATTATGACAACAAGTGGGTTA  
 GCATTTTCTCCAATGATGGGAAGTTAAGACAAAATGGATCAGGAAAAGTATGGGGCCCAAAGGAGT  
 TTCTGTGGACCGCAATGGGCACATTATTGGTGGACAACAAGGCGTGTGTGTGTTATCTTCCAGCCC  
 AACGGGAAAATAGTCACCAGGTTTGGTAGCCGAGGAAACGGGGACAGGCAGTTTGCAGGTCCCCTTTG  
 CAGCTGTGAATAGCAATAATGAGATCATCATTACAGATTTCCATAATCACTCTGTCAAGGATTTTAAATCA  
 GGAAGGAGAATTCATGTTGAAGTTTGGCTCCAATGGAGAAGGAAATGGGCAGTTTAAATGCACCAACAGGT  
 GTGGCCGTGGACTCAAATGGGAACATCATTGTGGCTGACTGGGGAAACAGCAGGATCCAGGTTTTGATG  
 GGAGTGGATCATTTTTGTCTATATCAACACATCTGCTGACCCGCTCTATGGCCCCAGGGCCTGGCTCT  
 CACTTCAGATGGCCATGTTGTGGTTGCAGACTCCGAAACCACTGTTTCAAGGTCTACCGTACTTACAG  
 TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271725  
**Insert Size:** 2313 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001271725.1, NP_001258654.1</u>
<b>RefSeq Size:</b>	7108 bp
<b>RefSeq ORF:</b>	2313 bp
<b>Locus ID:</b>	80890
<b>UniProt ID:</b>	<u>Q9ESN6</u>
<b>Cytogenetics:</b>	3 F1
<b>Gene Summary:</b>	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] Transcript Variant: This variant (1) encodes the longest isoform (1).