

## Product datasheet for **MC229025**

### Trophinin (Tro) (NM\_001290771) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trophinin (Tro) (NM_001290771) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tro
Synonyms:	AA409408; Maged3; Maged3l; magphinin; Tnn; Trol
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229025 representing NM\_001290771  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATAGAAGAAATGACCATGGTCATCGGGTGCCACATTCCAGGGCCCTCTGCCTCCCGTGGGAGCC  
 TAGGGCTTCCTTTCTCTCCAGATGTACAGTCGGAGACCACAGAAAAGGCCACCAATTGCCAGCCGATC  
 TAAGAAAAACAAGAACAAGAAGATTCTATTAAGCCTATGGATAAGACCACACCGCTCCCCCTCCAGTC  
 CCATCTGCCAATGATAATGCTAGCAACAAGCTAAAGTAACTTTGCAGGCTTTAAACCTACCAATGTTCA  
 CCCAGATCAGTCAGGCTTCACTACTGAGGCCACCAATATCCAGGCTTCACTTACTTCTCAGACCCA  
 GAAAGCCAAGACAATGAGAGTTACTCCCAAGGTATCCCTAACTGGCAGTGAGGATGCCACTACACAGCTG  
 AAGCCACCATTACAGGCCCTAACCTACCAGTTACCACACCGACTATCCAGACTCCAGTTGCCAATGAGT  
 CAGCTAATCCCTGGCCCAACAGCTGTCAACAAATCCAAGAAAGCTTCTACGGCAAACAATGCTGCCAA  
 TAAGACTGTACCTAGTGTGCTGAGATCTCATTGGCTTCGGCTGTACCCACACAGTTACTACCCAAGGC  
 CAAGCTGCCAAGGAGACAGGTAGTATCCAGACTATAGCAGCCACTGCCCGAAGCAAGAAAAATCCAAAG  
 GAAAAAGAACACCTGCTAAGACCACAAATACTGACAATGAATATGTAGAGGCCTCAAATGCCATTGAGGC  
 ATCTAGCAGACAGATTGGGGCATCTGGCAGACAGACTGAGGCATCTAACAGACAGATTGAGGCATCTAGC  
 AGACAGACTGAGGCATCTAACAGACAGACTGAGGCATCTAGCAGACAGACTGAAGCATCTAGCAGACAGA  
 CTGAAACATCTAACAGACAGATTGGGGCATCTAACAGACAGATCATGGCATCTAACAGACAGATTGGGGC  
 ATCTAACAGACAGATTGAGGCATCTAACAGACAGATTGGGGCATCTAACAGACAGACAGAGGTATCTAGC  
 AGACAGATTGAGGCATCTAACAGACAGATTGGGGCATCTAACAGACAACTGAGGCATCTAACAGACAGA  
 TTGGGGCATCTAACAGACAGACTGAGGCATCTAACAGACAGATTGGGGCATCTAACAGACAGACTGATGC  
 ATCTAACAGACAGACTGATGCATCTAACAGACAGACTGAGGCATCTAGCAGACAGACAGAGGCATCTAGC  
 AGACAGACAGAGGCATCTAGCAGACAGACTGAGGCATCTAGCAGACAAATGAGGCATCAGCTGCAGCTG  
 TGAGGCCCAAAAAGCCAGGGGAAGAAGGTAACAATAAAGGCTCAAATCTGCTTCTGAGCCCTCTGA  
 GGCTCCACCTGCCATTCAAACGGTTACAAACCTGCCCTATCTGTCACTGTACGGATCAGGAGAGGGTCT  
 AGGGCTCGAAAGGCTGCCAATAAGAATCGGGCACTGAAAGCCAAGCTCAGATCGCTGAACAAGGAGCTC  
 AGGCCTCTGAGGCCAGCATAAGTGCCCTGGAGACTCAGGTTGCTGCTGTCCAGGCCTGGCAGATGA  
 CTATCTGGCTCAGTTGAGTTTAGAACCCACGACCAGAACCAGGGCAAGAGGAACCGAAAGTCTAAGCAT  
 CCCAATGGAGAAGAAAGAACTGGAATAATTACAGGCGGATCCCATGGGGCAGGCGGCTCCACCACCCC  
 GAGATGTGGCCATTTTGCAGGAAAGGGCAATAAGTTGGTGAATATCTGTTGGTTAAAGACCAGACAAA  
 GATCCCAATCAAGCGCTCAGATATGCTGAAGGATGTCATCCAAGAATATGAGGACTATTTCCAGAGATC  
 ATTGAACGAGCAAGCTACGCTCTGGAGAAGATGTTTCGAGTCAATCTGAAGGAAATGATAAGCAAAATA  
 ACTTGTATATTCTTATCAGCACTCAGGAGTCATCTGCAGGCATAATGGGAACGACCAAGGACACACCTAA  
 GCTGGGTCTCCTCATGGTGATTCTGAGTGTCAATTTTATGAATGGCAACAAGGCCAGTGAGGCTGTATC  
 TGGGAGGTGCTGCGCAAGTTGGGACTGCACCCTGGGGTAAAACATTCACCTTTGGAGAAGTGAAGAAAC  
 TCATCACAGATGAATTTGTGAAGCAGAAATATCTGGAATACAAGAGGGTCCCCAACAGCAGACCACCTGA  
 GTATGAATTTCTGGGGCTACGGTCTTACCATGAGACTAGCAAGATGAAAGTCTGAAATTTGCATGC  
 AAGGTACAGAAGAAAGATCCCAAAGACTGGGCTGCTCAGTACCGCGAGGCAGTTGAGATGGACATTCAGG  
 CTGCAGCTGTGGCTGTGGCTGAGGCTAAGGCCAGGGCTGAGGCTTGTCCCCCTGTTTACAGATAACGCT  
 AACTGCAACAATACTTCCCATGGAGCCAATGTGCAGCTTTGGAATTGTTGTCCACGCAGCAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001290771  
**Insert Size:** 2517 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_001290771.1, NP_001277700.1</u>
<b>RefSeq Size:</b>	3350 bp
<b>RefSeq ORF:</b>	2517 bp
<b>Locus ID:</b>	56191
<b>Cytogenetics:</b>	X F3