

Product datasheet for **MC203992**

Trim3 (NM_018880) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim3 (NM_018880) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim3
Synonyms:	BERP1; HAC1; Rnf22
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC034263
 GCGCCGCGGGCAGGGCCGGGCGGACGGGCGCTGGCAGCGGGGGCAGCGCTGCGGGCCGCTCCGAGTGGCT
 GCAGTCCGGGCTTGCCCTCCCATCCTGCTCCCACGCCGTGAGTGCGCCGCGGGGCCCAAGGGCTGGT
 GTGAGTGGCAGGAACCATCTGTGGTACCATGGCAAAGAGGGAGGACAGCCCTGGCCCGGAGGTGCAGCC
 AATGGACAAGCAGTTTCTGGTATGCAGTATCTGTCTGGATCGGTACCGGTGCCCAAAGTTCTGCCTTGT
 CTACATACCTTCTGTGAAAGATGCCTCCAGAACTACATCCCTCCTCAGAGCCTGACACTGCCTGTCCAG
 TGTGCCGGCAGACATCCATCCTCCAGAACAGGGCGCTCAGCCCTACAAAACAACCTTCTCATCAGCAG
 CCTCATGGAGGCCATGCAGCAGGCACCTGAGGGGGCTCATGACCCTGAAGACCCCAACCCCTCAGCGCA
 GTGGCTGGCCGCCCTCTCTCCTGCCCAACCATGAAGGCAAGACAATGGAGTTTTACTGTGAGGCCTGTG
 AGACTGCCATGTGTGGTGTGAGTGCAGCGCAGGGGAGCACCGTGAACACGGCACAGTGTGTTGCGGGATGT
 GGTGGAGCAGCACAAGGCAGCTCTGCAGCGCCAGCTTGAGGCTGTGCGTGGCCGATTGCCACAGTGTCT
 GCAGCTATCGCCTTGGTTGGGGTATCAGCCAGCAGCTGCAAGAGCGCAAGGCAGAGGCCCTGGCTCAGA
 TAAGTGTGCCTTTGAGGACCTGGAGCAAGCTCTGCAGCAGCGCAAGCAGGCTCTGGTACAGCAGTGTGA
 GAGCATTTGTGGGGCCAAACAGAAGGTGTTGCAGACACAGTTAGACACACTGCGCCAGGGCCAGGAGCAC
 ATTTGGCAGTAGCTGCAGCTTTGCAGAGCAGGCACTGAGACTGGGCTCTGCCCTGAGTTTTGTAGTAA
 GAAAGCATATGCGAGAGAGGCTGGCTGCTTGGCAGCTCAGGCCTTCCCAGAAAGGCCACATGAGAAATGC
 CCAGCTGGAACCTGGTCTTGAAGTGGACGGTTGCGGAGATCGGTGCTAACCTGGGGGCACTGCTCACC
 ACCAGTGTACAGCCATGAGACAGTGGCCACGGGCGAGGGCCTGCGCCAGGCACTAGTTGGCCAGCCTG
 CTTCTCTCACTGTACCACCAAAGACAAAGATGGGCGGCTGGTGCACACAGGCAGCGCAGAGCTGTGTGC
 AGAGATCACTGGCCCCGATGGTGTGCGCCTTGCAGTACCGGTGGTGGACCACAAAATGGCACATACGAG
 TTGGTGTACACTGCACGCACAGAAGGTGACCTGCTCCTCCTCAGTGTGCTCTATGGACAGCCGGTGCCTG
 GCAGCCCTTTTCGTGTGCGTGCCTTGCACCTGGGGACCTGCCACCTTCCCAGATGATGAAGCGCCG
 GCTCAAGTCTCCCGTGGTCTTGGCAGTCACTGTGCGCCAGAAGGCAGTTCTGATGGCCGAGCTCCATGTAT
 AGCACTGGTGGCAAACGGAAGGACAATCCAATTGAAGACGAACTCGTCTTTCGTGTTGGTAGTCGTGGAA
 GGGAGAAGGGTGAATTCACCAATTTACAAGGTGTGTCGCTGCTAGCAGTGGCCGCATCGTGGTAGCAGA
 CAGCAACAACCAATGTATTACAGTTTTCTCCAATGAGGGCCAGTTCAAGTTCCGATTTGGGGTCCGTGGG
 CGCTCACCTGGGCAACTACAGCCTCCTACAGGTGTGGCAGTGGACACCAATGGAGACATTATTGTGGCAG
 ACTATGACAACCGTTGGGTGAGCATCTTCTCCTGAAGGCAAGTTCAAGACCAAGATTGGAGCTGGCCG
 CCTCATGGGACCAAGGGAGTGGCTGTGGACCGAAATGGACATATCATTGGTGGATAACAATCTTGC
 TGTGTCTTACCTTCCAGCCCAATGGCAAGCTTGTGGGCGTTTTGGAGGCGTGGGGCCACTGACCGCC
 ACTTTGCAGGGCCCCACTTTGTGGCTGTGAACAACAAGAATGAGATTGTAGTAACGGATTTCCATAACCA
 TTCAGTGAAGGTGTACAGTGTGACGGAGATTCTCTTCAAATTTGGCTCGCATGGCGAGGGCAACGGA
 CAGTTCAATGCCCCACGGGAGTAGCTGTGGATTCCAATGGGAACATCATCGTGGCCGACTGGGGCAACA
 GCCGCATACAGGTATTCGACAGCTCTGGTTCTTCTCCTGTCTATATCAACACGTCTGCAGAGCCACTATA
 TGGCCACAGGGCTTGGCATTGACCTCGGATGGCCACGTGGTAGTGGCTGATGCTGGCAACCACTGCTTT
 AAGGCCTATCGATACCTCCAGTAGCTGCACAAGGGCCCTGCTTGGCTCATGGAGGGACGGACATAGGGGT
 GATTGGACAAGAGGGTCTGGCTAAGAGGTGGGCCAGCCCGGCAGCACTGAATGTGGGCTATGGGACCGG
 GTGTGCCAGTGCCTTCCCTTCTCCCAACCCACGGTTGCACTTTATTTATTCGGTTCTTGTCTTGG
 TGACTGGGTGGCCTGGACTGGTCCCAAGGATGTGTGCAGAGCTTACCCTAACCCCTTTACACACCCCTC
 CTTACACCCTCAGTCTGCTCTGATTCCAGCCTGGGGCCAGAACAGCCTTCTACTTCAGAAGTCCCTC
 TGGTTGTCTCCCTACCACCTATACACACTGACAGAGACGCAATACCCACCCCTATATTAATAAATG
 TGTTCCCAAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_018880
Insert Size: 2235 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:	BC034263 , AAH34263
RefSeq Size:	2840 bp
RefSeq ORF:	2235 bp
Locus ID:	55992
UniProt ID:	Q9R1R2
Cytogenetics:	7 E3
Gene Summary:	<p>Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation (By similarity). Positively regulates motility of microtubule-dependent motor protein KIF21B (PubMed:24086586).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice junction compared to variant 5. The resulting isoform (a) has the same N- and C-termini but is shorter compared to isoform c. Variants 1, 2, and 3 all encode the same isoform (a).</p>