

Product datasheet for **MC217203**

Trim31 (NM_146077) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim31 (NM_146077) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim31
Synonyms:	BC026666; HCG1; HCGI; RNF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217203 representing NM_146077
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCAGGCCAACCTCTGGCCTGCCAACTGCAGGAGGAGGTGACCTGCCCATCTGCATGGAATTCTAC
AAGATCCTGTCAACATTGACTGTGGGCACAACCTCTGCCTGCAGTGTATCAGTCAGGTTGAAAAACGTC
AGAAAAGATCCAATGTCCTCTCTGCAAACCTCTCTGTGAATAAGAATACGTTACAGGCCAATAAGCTGCTG
GCTAGTCTTGAGAGAAGATCCAAAGTATGGATCCTGCTGACATCCAAGCAGAAAAGGAAGACTCAAGAT
GTCAGAGGCACAAGGAAAAGCTACATTACTTCTGCGAGCAGGATGGGGCATTCTCTGTGTGGTGTGTCG
TGACTCCAAGGACCACAAGTCTCACAATGTCACCTTGATAGATGAGGCTGCCAGAACAACAAGGTGCAG
ATTGAGTCACAGGCCAAGATTTGGGGCAAAGGACAAGAAAATAATTGAAGAGAAAAACAAGGTGAAG
GGGCAATCTGGCGTTTCAGGGCCAGGTGGATCTAGAGAACTAAAGATCCATGAGGAATCAAGCTCCT
GCGCCAGAGACTAGATGAGGAAGAGAGTTTCTCTGTCCAGGCTGGACTGGCTGGAGCAGCAGGGAGCC
AAGCAGTTGAGACAATATGTCACCTGTGACAGAGAAGCAGCTGAACTCTCTAAGGAAGCTCAATAAATCCT
TGAAAATAAGGCTGCAATCATATCCATGGAGCTACTAAAGGACATTAAGACGCCTTGAGCAGGGGTAA
GGAATTTCAAGTTTCTCAACCCAAACCCAGTTTCTGAGGACCTGGAGAAAAATGCAGTGAAGCAAAAGCA
AGGCATGAGTCCATCAAAAAACCTGACAGAACTCAAAGACGATATGAATGCCGAAGGGAAGAGAGATA
AAAGCGCATTATGAACAGCCTGAATAAAGAAGAAAAGGAGAGCTGGAGCCTGTTACAGAAGAATAATTC
AGTGTGGCCACCTCAGTCCCTGTGACCCTGGACAAGTCTCAGCTGACCAGACCTCACCTTTTCTCAG
GATCTAAAGAAAGTGACCTTGTATTTAGCTGGAAAAGCTTCCAATAGGCAGGCAAAACCTCGACCAT
TCTACCTTTCCACTGTGTGAGGGGTTCCCGAGCCTCTCTCAGGCCCGCAGGTGTGGAGGCAGAAAT
CCGGGGGCCCTCAGGTGGGGCATGCATTTGGGGTGGTTACAGAGTTGGCGCGAGGGGCCAGAGTCAA
ACCGTGAGCGCGCAGAGCTACATATGGGCACTGCGGATCTCGCCCTCTGGATGCCAGCCATTACCAATT
GTAAGGCCAGGAGTACCTCCAGGTCTGTCTTAAGAAAAGTGGGTGTCTATGTGAATCATGACTGTGGAGA
GGTCGTCTTCTATGATGCCATCACTAGCAAACACATCTATACTTTCCAACTTCTTTGACGGGAAGGTC
TTCCCTTTTTCGGGCTCCAAGTTGCCTGCAGCCATATCACCTGAGCCCTAG

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_146077

Insert Size: 1524 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:

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_146077.2](#), [NP_666189.1](#)

RefSeq Size: 2248 bp

RefSeq ORF: 1524 bp

Locus ID: 224762

UniProt ID: [Q8R0K2](#)

Cytogenetics: 17 B1

Gene Summary: May have E3 ubiquitin-protein ligase activity (By similarity). Regulator of Src-induced anchorage independent cell growth.[UniProtKB/Swiss-Prot Function]