

Product datasheet for **MC217311**

Trim35 (NM_029979) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim35 (NM_029979) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trim35
Synonyms:	0710005M05Rik; A430106H13Rik; AW046487; HLS5; Mair; mKIAA1098; NC8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217311 representing NM_029979
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGGCGGCGACACCGGTGGTGGTGACGGCGGCTGCTCCTGCGATGGAGCCGGCCCTTCTGTGTCCC
 CGGGCCCTTCGCGCTCCTCAAAGAGGAGCTGCTGTGCGGTGTGCTACGACCCGTTCCGCGACGCACT
 AACTCTGCGCTGTGGCCACAACCTTCTGCCGCGGTGCGTGAGCGGCTGCTGGGAGGTGCAGACGACGCC
 TCGTGTCCGGTGTGAAGGAACGAGCGGTGCCGGGGAGCTGCGCACCAACCACACGCTCAACAACCTGG
 TGGAGACCTTGTGCGGAGGAGGCTGAGGGCGCGCTGGACCGGTGCGCGGTCCCCGCGCCCTGCCG
 TGGCACCGTCCCCGCTCACGCTCTTCTGCTGGAGGACAAGGAGCTGCTGTGCTGTGCTTCCAGGCC
 GACGCCCGCACCAAGAGCATCGTGTGCAGCCATCAAGGACACTGCGCAAGACTCCGGGCCAAGTGTA
 AGAACATGGAGCATGTATTGCGAGAGAAAGCCAAAGGCCTTCTGGGCCCTGAGGCGCACCTATGAGCCAT
 TGCCAAGCACAATGAGGTGCAAACGACTTGGCTGGAAGGCCGATCCGGGATGAGTTTGACAAGCTCCGT
 GATTTCTGAGGGTGGAGGAACAGGCCACCTTGGATGCCATGAAGGAAGAGAGCAGAAAGAAGCACCTGC
 AGGCTGAGGAGAAGATGAAGCAGCTAGCAGAACAGACCGAGGCGCTGGCTCGGGAGATTGAGCGTGTGA
 GATGGAGATGAAGGAAGATGACATGACCTTCTCATGAAACACAAGAGCCGAAAACGCCGGCTTCTTGC
 ACCGTGGAGCCAGCTCCTCTCCAGCCTGGCTTGTAAATGGATGCATGCAAGTATCTGGAGTCCCTGCAGT
 ACCGAGTCTGGAAGAAGATGCTTGGATCCGTTGAGTCTGTGCCCTTCCAGTTGGATCCCAACACAGCTGC
 TGGCTGGCTCAAAGTGGCTGATGACCTCACGAGTGTATCAACCATGGCTACCGCGTGCAAGTGGAGAAT
 CCAGAGCGCTTCTCCTCGCACCTGCTGCTAGGCTCTCAAGTGTCTCAAGGGCTCCCACTCTTGGG
 AGGTGGATGTGGGTGGCTGCCAACCTGGCGAGTGGGTGTGGTTCCGGGTGCAGGCACATGCACAGCGCA
 GGCTCAGGCTGACGTAGGTGGTGAAGGCCACTCACACAGCTGCTACCATGATACAGCTCAGGCTTCTGG
 TACCTGTGCCGCACGAGGGTGTGGATGGAGACCACTGCATGACTTCCGACACTGCCACAGCCCTCTGG
 TCCAGGCCATGCCGCGCCGTCTGCGTGTGGAGCTGGAGTGTGAGGAGGGTGGAGTATCCTTCTATGACTC
 TGAGCGCCACTGCCATCTGTATACCTTCCATGCCACTTTGGGGAGGTGAGGCCCTACTTCTACCTGGGA
 GCCTCTCGAGGTGACGGTCCCCCGAACCTCTGCGTATCTGCCACCTGCGTGTCTCCATCAAAGAAGAGC
 TGGACATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_029979

Insert Size: 1551 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_029979.3](#), [NP_084255.2](#)

RefSeq Size: 3684 bp

RefSeq ORF: 1551 bp

Locus ID: 66854

UniProt ID: [Q8C006](#)

Cytogenetics: 14 D1

Gene Summary: Reduces FGFR1-dependent tyrosine phosphorylation of PKM, inhibiting PKM-dependent lactate production, glucose metabolism, and cell growth (By similarity). Implicated in the cell death mechanism (PubMed:12692137, PubMed:14662771).[UniProtKB/Swiss-Prot Function]