

## Product datasheet for **RN214367**

### Trim35 (NM\_001025142) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trim35 (NM_001025142) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214367 representing NM\_001025142  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGGCGGCTGCATCGGTGGTGACGGCTGCTGCTCCTGCGATGGAGCCAGGCCCTCTGTGTCCCCCG  
 GGCTTCGCGCTCCTTCAAAGAGGAGCTGCTGTGTGCCGTGTGCTACGACCCGTTCCGCGACGCAGTGAC  
 TCTGCGCTGTGGCCACAACCTTCTGCCGCGGTGCGTGAGCGGCTGCTGGGAGGTGCAGACGACGCCCTCG  
 TGCCCGGTGTGCAAGGAACGAGCGGTGCCCGGGGAGCTGCGCACCAACCACACGCTCAACAACCTGGTGG  
 AGACCTTGCTGCGCGAGGAGGCCGAGGGCGCGCTGGACCGGTGCGCGGTCCCGCGCCCTGCCGCGC  
 GCACCGTGCCCGCTCACGCTCTTCTGCGTGGAGGACAAGGAGCTGTTGTGTGCTGTGCCTGTCAAGCCGAC  
 GCCCGGCACCAGGAGCATCGTGTCAACCCATCAAGGACACTGCGCAGGACTTCCGGGCCAAGTGAAGA  
 ACATGGAGCACGTA**CTTCGGGAGAAAGCCAAGTCTTCTGGGCTCTGAGGCGCACCTATGAGGCCATTGC**  
**CAAGCACAAATGAGGTGCAGACAACCTGGCTAGAAGGCCGAATCCGGGATGAGTTTGACAAGCTCCGAGAT**  
**TTCTGAGGGTGGAGGAACAAGCCACCGTGGATGCCATGAAGGAAGAGAGCAGGAAGAAGCACCTGCTGG**  
**CTGAGGAGAAGATGAAGCAGCTGGCGGAGCAGACCCGAGGCACTGGCTCGAGAGATTGAGCGTCTGCAGAT**  
**GGAGATGAAGGAAGACGACATGACCTTCTCATGAAACACAAGAGCCGAAACGCCGGCTCTTCTGCACC**  
**GTGGAGCCAGCACCTCTCCAGCCTGGCTTGCTTATGGACGCATGCAAGTATCTGGAGTCCTTGCACTACC**  
**GAGTCTGGAAGAAGATGCTTGGGTCTGTTGAATCGGTGCCCTCAGCTTGGATCCCAACACAGCTGCTGG**  
**CTGGCTCAAAGTGGCTGATGACCTCACGAGCGTCATCAACCATGGCTACCGTGTGCAGGTGGAGAATCCA**  
**GAGCGCTTCTCCTCGGCACCCCTGCCTGCTGGGCTCTCAAGTTTCTCCAAGGGCTCCCACTCTTGGGAGG**  
**TGATGTGGGTGGCTGCCGAGTGGCGAGTGGCGGTGGTGCAGGCACATGCACAGGCACAGGC**  
**TCAGGCTGATGTCGGTGGTGGAGGCCACTCACACAGCTGTTACCATGATACACGCTCAGGCTTCTGGTAC**  
**CTGTGCCGCACTCAGGCTGTGGACGGAGACCCTGCATGACTTCCGACACAGCCACAGCCCTCTGGTCC**  
**AGGCCATGCCACGCCGTGCGTGTGGAGCTGGAGTGTGAGGAGGGTGGAGTGTCTTCTATGACTCTGA**  
**GCGCCACTGCCATCTGTATACCTTCCATGCCCACTTTGGGGAGGTGAGGCCCTACTTCTACCTAGGGGCC**  
**TCTCGGGTGTGGTCCCCAGAACCTCTGCGCATCTGCCACCTGCGTGTCTCCATCAAAGAAGAGCTGG**  
**ACATCTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025142

**Insert Size:** 1548 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\\_001025142.2](#), [NP\\_001020313.2](#)

**RefSeq Size:** 3701 bp

**RefSeq ORF:** 1548 bp

**Locus ID:** 498538

**UniProt ID:** [Q5RKG6](#)

**Cytogenetics:** 15p12

**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 (By similarity).[UniProtKB/Swiss-Prot Function]