

## Product datasheet for **RR212080**

### Trip6 (NM\_001127570) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trip6 (NM_001127570) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trip6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR212080 representing NM\_001127570  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGGCCACCTGGCTTCCCCGAAGCAGCCAGAGCCCTCCAGAGTCCCTCAGGGGAGAGCGCTGC  
 CCAGAGGAACCTGGGTCCGCCAACGGCCATGGAGCAACGCTCCAGCCTCACCCAGGGTCAACTTTG  
 CCCCTCCACCTGAACAATGTTATCAGCCTCCGGGGGTACCGGAAGATCGGGGGCTACTTGGGTGGGA  
 TCCCATGGAGCAGCCAGCGCTGCAGGGGCTCCCTCCAGACCGGGGAGTCCACCCTGGAAGTCTGG  
 ACGCTGAGATAGATTGCTCACCAGCATGCTGGCTGATCTGGACGGGAGTCGAGTCATGCACCTAGGCG  
 ACCAGACAGACAGGCTTTTGAAGCTCCTCCACCCATGCTTACCGTGGAGGCTCCCTGAAACCCAGCGGA  
 GGTGCTGTTCCAGCCCCGATGCTCCAGCATCTCCCTATGGTGGACCTACTCCAGCCTCTTATGCTACCG  
 CGAGCACTCCAGCTGGTCTGCTTCCCTGTTCAAGTGAAGGTGGCTCAACCCGTGAGAGGCTGTGGACT  
 GCCCAGGCGGGGGCTTCGCAGGCTCTGGACCTTCCAGGCCCCACTTTCTCTGACAGGTCGTGGT  
 GAAGTCTGGGGAGCTGGCTATAGGAGCCACCGAGAGCCAGGACAGGGGTTAAGGAGGGAGCTGCTGGAG  
 TTCATAACCTGCAGGAGGAGGAAGAAGAGGTGGGCATGAGCCTCAGGGCCCCTTGAAGCCAGCCTCCAGA  
 GGAGGAGCTGGAGAGACTGACCAAGAAGTTGGTGCATGACATGAACCACCCGCCAGTGGGGAGTACTTT  
 GGTGCGTGTGGTGGCTGTGGCGACGATGTGGTTGGTGTGGAGCTGGGGTGTGGCCCTGGACCGTGTCT  
 TCCATACTGGTTGCTTCGTGTGTTTACCTGTCCGGGCCAGCTCCGAGGCCAGCACTTCTATGCCGTGGA  
 GAGGCGGGCGTATTGTGAGAGCTGCTATGTGGCCACACTGGAGAAATGTTCCACATGCTCTGAACCCATC  
 CTGGACCGAATCTGAGGGCTATGGGGAAGGCTTACCATCCTGGTTGCTTACCTGTGTGGTGTGCCACC  
 GTGGCCTCGATGGCATCCCTTTCACAGTGGATGCCACCAGCAGATCCACTGCATTGAAGATTTCCACAG  
 GAAATTTGCCCCACGGTCTCAGTGTGGTGGGCCATCATGCCAGAGCCAGGTGAGGAGGAGACAGTG  
 AGAATTGTTGCTCTGGATAGAAGTTTCCACATTGGCTGCTACAAGTGTGAGGAGTGTGGGCTGCTGCTGT  
 CCTCTGAGGGAGAGTGTCAAGGCTGCTACCCGCTGGATGGGCATATCTTGTGCAAGGCTTGTAGTGCCTG  
 GCGCATCAAGAGCTCTCAGCCACCGTACCACCGACTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR212080 representing NM\_001127570  
 Red=Cloning site Green=Tags(s)

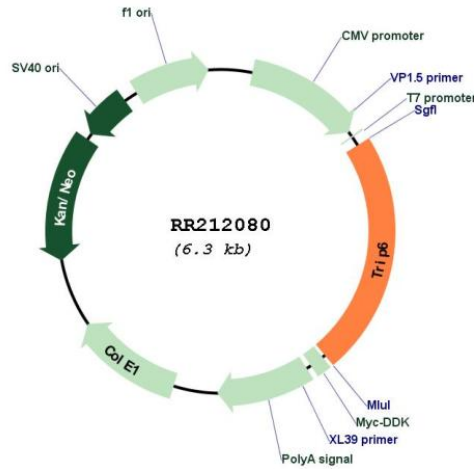
MSGPTWLPPKQPEPSRVPQGRALPRGTLGPPTAHGATLQPHPRVNF CPLPPEQCYQPPGVPEDRGPTWVG  
 SHGAAQRLQGLPPDRGVIHPGSLDAEIDSLT SMLADLDGSRSHAPRRPDRQAFEAPPPHAYRGGSLKPSG  
 GAVPAPMLPASPYGGPTPASYATASTPAGPAFPVQVKVAQPVVRCGLPRRGASQASGPLPGPHFPLTGRG  
 EVWGAGYRSHREPGVKEGAAGVHNPAGGGRRGGHEPQGPLSQPPEEELERLTKKL VHDMMNHPPSGEYF  
 GRCGGCGDDVVDGAGVVALDRVFHTGCFVCSCTCRAQLRGQHFYAVERRAYCESCYVATLEKCSCTSEPI  
 LDRILRAMGKAYHPGCFCTCVVCHRGLDGIPFTVDATSIHICIEDFHRKFAPRCSVCGGAIMPEPQEEETV  
 RIVALDRSFHIGCYKCEECGLLLSSEGECQGCYPLDGHILCKACSAWRIQELSATVTTDC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001127570

**ORF Size:** 1440 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001127570.1](#), [NP\\_001121042.1](#)

**RefSeq Size:** 1757 bp

**RefSeq ORF:** 1443 bp

**Locus ID:** 686323

**Cytogenetics:** 12q12

**MW:** 50.9 kDa