

Product datasheet for **RN208768**

Trip4 (NM_001134981) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trip4 (NM_001134981) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trip4
Synonyms:	MGC188852
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208768 representing NM_001134981
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTAGCTGGGGCGGCATCCGGAGAGCCACTAGTACACTGGTGCACACAGCAATTGCGAAAACTT
 TCGCCTTGATGTGAGCGAGGAGATCATACAATATGTTTTGTCAATTGAGAGTGCCGAAGAAATACGAGA
 CTATGTGACAGATCTTCTCCAGGAAATGAGGGTAAAAAGGGTCAATTCATAGAAGATCTTATAACCAAA
 TGGCAAAAGAAGGATCAGGAGTGCAATTTCTGATCTTTTCAACAGTGCTGGAAAAAGATGAAAGTTTAG
 ATGGACAGAGATCAGTGGACCAGCTAAAGCGGAGTAGGAGGAAAGGAAGAAACAAACAGGAAGTTCTGC
 ATTTCTGAACTGACGTGACTGTGGAGGTCAAAACACCTTTAGATTTGGCCAAGGCACAAGAAGGCAAC
 AGCTCCGTAAGAAGAAGACGAGATTTGTCAGCTTATATACAGGAGGGGCAGGACAAACTGCAGTCC
 TCCTTCTGGTGTGACCCGTGTGATTGCTTGGGCCAGAAGCACAAACTCATCAATAACTGTCTGGTCTG
 TGGCGGATTGTCTGTGAACAGGAGGGTTCAGGCCCTGCTTGTCTGTGGCTCTTTGGTGTGTACCAAT
 GAAGAACAGGACATTTTACAACGTGACTCAAACAAAAGCCAGAAACTGTGAAGAAGCTCATGTCAGGGG
 CAGAGAATTCTGAAAAGGTGGATATCTCTACCAAGGACCATCTCCTCATCAGGAATCTCGAATGAAGTC
 TGGTTTGGAGAAGGCTGTCAAGCACAAGGAAAACTGTTAGAGTTCGATAGGACTAGTATCCGAAGGACC
 CAAGTCATTGATGATGAATCAGATTACTTTGCCAGTGATTCTAATCAGTGGCTGTCCAAAGTTGAGCGAG
 ACATGCTACAGAAACGAGAGGAAGAGCTGAGAGAACTCCGACATGCCTCTCGACTTTCTAAGAAAGTCAC
 CATTGACTTTGCGGGCGGAAGATCCTAGAAGATGAAAACCCACTGGCAGAGTATCACAGCAGACTAGAT
 GAGACAATACAAGCCATTGCCAATGGAACCTTGAACCAGTCACTGGTCAAGTCTGATAGATCTTCTGAAG
 AGCCTTTGGGAGTTCTGGTAAACCCTAACATGTACCAGGCCCTCCTCAGTGGGTGGACAACACTGGGTC
 AGCACCACCAAAGAAAACCTTCACTCTCAGTAGGACCAAGACTAGAGCTCAGTTTACATCCTCACCAGCTT
 CGAATCCAGGACCAGGAATTCAGGAAGGCTTTGATGGTGGCTGTGCCTGTCTGTGCATCAGCCCTGGG
 CTTCTCTGCTGTCAAGGGGATTAAGGGTGGAGGGCAGATCCTGGTATACTCCTCACAGAGGAAGACT
 TTGGATAGCAGCCACAGGCAAAAGACCTTCGACTCAAGAAGTCTCAGAACTCCAGGCTACCTACCGTCTT
 CTTGCGGGAAAGATGTAGAATTTCAAATGACTATCCATCAGGTTGTCTTCTGGGCTGTGTGGACCTTA
 TTGATTGCTTATCCAGAAACAATTCCAGGAGCAGTTCGCGGACATCAGTCAAGAGTCTGACTCTCCATT
 TGTCTTCATCTGCAAAAATCCCCAGGAAATGGTTGTGAAGTTCCTATTAAGGAAATCCTAAAATCTGG
 AAAGTGGATTCCAAGATCCATCAAGGAGCAAAGAAGGGTTAATGAAGCAGAATAAAGCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134981
- Insert Size:** 1746 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_001134981.1](#), [NP_001128453.1](#)

RefSeq Size: 2816 bp

RefSeq ORF: 1746 bp

Locus ID: 315769

Cytogenetics: 8q24