

## Product datasheet for RN217499

### Trappc9 (NM\_001034156) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc9 (NM_001034156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trappc9
Synonyms:	Nibp; RGD1309461
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217499 representing NM_001034156 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCGTTCCTGACTACATGCAGTGCGCAGAGGACCACCAGACCCTCCTGGTGGTCGTTACGGCCGTGG  
GCATCGTCTCTGAGGAGAACTTCTCAGGATCTACAAGCGGATCTGCTCGGTGAGCCAGCTCAGTGTGCG  
CGACTCACAGCGTGCCTTTCATCCGTTACCGGCACCACTACCGCCGGAACAACGAGTGGGGCGAC  
TTCCAGACGCACCGCAAGGTTGTGGGCCTCATTACCATCACCGACTGCTTCTCGCCAAAGACTGGCCAC  
AGACTTTCGAGAAGTTCACGTGCAGAAGGAGATCTACGGCTCCACGCTCTACGATTCGCCCTCTTTGT  
GTTTGGGCTGCAGGGTGTGTGGCTGAGCAGCCCCGCCGGATGTGGCCTTCTATCCCAACTATGATGAC  
TGTGATTCAGTGGAGAAGCGCATCGAAGACTTCATCGAGTCCCTTTTCATTGTGTGGAGTCCAAGCGCC  
TGGACAGAGCCACGACAAGTCCGGGACAAGATCCCTCTTCTGTGTCCCTTCGAGAAAAAGGACTT  
CGTGGGACTAGACACGGATAGCAGACACTATAAGAAGCGGTGCCAAGGACGCATGCGGAAGCACGTTGGG  
GACTTGTGCCTCCAGGCTGGGATGCTGCAGGACGCCCTGGTACACTACCACATGTCGTCGGAGCTCCTGC  
GCTCAGTGAATGACTTCTGTGGTTAGGGGCTGCCCTGGAAGGGCTGTGTTCTGCTCCGTCATCTACCA  
TTATCCTGGAGGAAGTGGCGCAAGACCGGGGCTCGGAGACTCCAGGCAACTCACTTCCCTCAGAAGCA  
GCCAACCGACACCGGCCAGGTGCTCTACCACTAACGGCATAAATCCTGACACCAGCACGGAGATCGGAA  
GGGCTAAGAACTGCCTCAGCCCCGAGGACATAATTGACAAATACAAAGAGGCCATCTCCTATTACAGCAA  
GTATAAGAATGCCGAGTGATTGAGCTGGAAGCGTGTGTCAAGGCCGTGCGTGTCTGGCTATTACAGAA  
CGTGGCATGGAAGCTTCGGAGTTTCTCAGAATGCCGTGTACATCAATCTCCGGCAGTTTCTGAAGAAG  
AGAAAAACGAGCTACAGCATCTGTCCGAGCTCTACGAGCTGATTGGCTTCCACCGCAAGTCAGCATT  
CTTCAAGCGCGTGGCTGCCATGCAATGCGTGGCCCAAGCATCGCAGAACCTGGCTGGAGGGCTGTTAC  
AAGCTCCTTTTGGAGACATTGCCTGGCTACAGTCTGCTACTAGACCCCAAGGACTTCAACAAAGGTACAC  
ACAGAGGCTGGGCTGCCGTTAGATGCGTCTGTCGATGAGTTGGTCTATGCCTCCCGCAGGATGGGAAA  
TCCCGCACTCTGTGCGGCACCTATCCTTCTTTTGCAGACCATGCTGGATTCCTGTCTGACCAGGAA  
AAGAAAGATGTGACTCAAAGCCTGGAGAAGTATACCGCAAGTGTCCCGGACGATGGAGCCCATCACCC



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TCCCGGATGGCCTCAGCTGCCTCCTGTGCCCTTACTAAGCTGCCATTGTCAGGTGCGTGAAGCTGCT  
 GAGTCTCCCCACCAGCCTCCGGCCGAGAAGGTGAAAAGCTTGCTGGGGCAGAGCATGTCCACCAAGAGT  
 CCCTTCATCTATTCCTCAATCATCGCACACAACCGTGGAGAAGAACGCAACAAGAAAATAGATTTCCAGT  
 GGGTTCAAGGAGACGTGTGTGAAGTCCAGCTGATGGTGTACAACCGATGCCGTTGAGCTCCGCGTGGA  
 AAACATGGGGCTTCTACCAGCGGAGTGGAGTTCGAGTCTTCTGCAGCACTCCCTTCTGCGGAA  
 TCTGGTTTGTACCCGGTGACACTGGTCCGGGTCCACAGACTACAGGGATGATCACTGTGAATGGCTACC  
 ACACCACAGTCTTTGGGGTCTTCAGCGACTGTCTTCTGGACAACCTCCAGGACTGAAAACGAGCGGCTC  
 CACCGTGGAAAGTCATCCCTGCCTTGCCAAGACTGCAGATCAGCACATCGTTGCCAGGTCTGCACACTCA  
 CTGCAGCCTTCTGCCGGGATGAGATAGCCACTAATGTGTCTGTTTCAGCTTTTCAATGGGGAGACTCAAC  
 AGCTCGCCATTACCTTGGAACAATTGGACTGGAGCCTCTGGAGCAGCTGGAGGTCACCTCAAAGCTTCT  
 CACCACTAAGGAGAAGTGTACGGCGACTTCTTGAGCTGGAAACTGGAAGAAACGCTGGCCAGTCCCT  
 CTGCAGCCCGGAAGGTGGCTACTTTCACCATCAACATCAAGGCAAAGCTGGACTTCTTGGCAGGAGA  
 ACCTCCTTCAGGATCTGAGTGTATGGAATCAGTGTGAGCGGCTTCCCTGTCCAGTCTTTCCGCCA  
 GGTGTCCGGCCCGAGTGGAGAGCAGACCCACAACCCCTCCGAGGGCAGCAAGACGGGGACCTTGGC  
 CACGTCAAGACTCTGGAAGCTATCCTGAACTTCAAGTACTCTGGAGGCCAGGCCAGTGAAGGGTATT  
 ACAGGAACCTCTCTGCGGATTACATGTGAAGTTGAACCCTCTGTGTTTTTACCAGAGTCAGCACACT  
 TCAGCAACCAGCACCCGGCAGTGCCACTTGTCTCTCGATGTCTTCAACTCCACAGAGCAGGAGCTGACA  
 GTCTGCGCCAGAAAACACTCTGAACTTGTCTTACATGCCAGTGTGAGTGGCAGCAATGGCTATTCAAGTGG  
 ACAAGTTCAACTTTGAAAGTGTCCAGAAATCCCCCGGTGAGAAGGGACACTTTGCAAATCTGAAACAGCT  
 GGAAGAAGAGAGACAAGAGGCACGAGGCCCTGGAGATCAGCAGCAAGCTGGACATCCGCTGGAGAATCCCG  
 TCTCTGAAGCGCAGTGGTGGAGCGAGCGTGGAGGGCTCCTGAACCAGCTCATCTGGAACACCTGCAGC  
 TGGCACCTCTGCAGTGGGATGTGCTGGTGGATGGCAGCCGTGTACTGTGAGGTGGCAGCTGCCTGCCA  
 GGTCGGTGACCCCGTGCCTTTGGAGTGGGCTGACTAACAGGAGTCTCGCAGCGTGGGGCCCTCGCC  
 CTCACCGTGGTCCCATTCAGGACCACCAGAATGGTGTGCACAACATATGATCTGCATGATGTCATCTCCT  
 TTGTGGTTCCAGCACCTTCTACCTTGACACGGTACAGCCATCAGGCCAATCAGCCTGCCTTGGGGCCCT  
 CCTCTTCTCTACACAGGTGACTTCTTCTCAACATCCGGTTCCATGAGGACTGTAAAAGCAAGGAGCTG  
 CCACCGTCTGGTTTTGCTTACCAGCGTGCATGTGCGTGCCCTAGAGGCACAGGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001034156

**Insert Size:**

3420 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).

**OTI Annotation:**

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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\_001034156.2, NP\_001029328.1

**RefSeq Size:** 4105 bp

**RefSeq ORF:** 3420 bp

**Locus ID:** 315059

**Cytogenetics:** 7q34