

Product datasheet for **RN216789**

Tchp (NM_001191666) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tchp (NM_001191666) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tchp
Synonyms:	RGD1310813
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216789 representing NM_001191666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTCCCCACGCTGCCCTTTATTGGTCCAACCGCAGACCCGGAATATCCGCTACCGCCAGCAAC
 AGCAGGAGGACGAGTTTCGCCAGCAGTGGGAGCAGAACAGTCGCTATTTCAAGACGTGGGACCTCCACAA
 CTCCAAACAGACCGAATGGACCTCCAAGACCTCTACCAGCGAAGCATGCACGCCCTCTACTGTGGCAAG
 ATGGAGGAGGAGAGGAGGAAGAATCTGGAGGTCCGGCGGGAGAGACTCAGGAAGCTTATGCTGGAGGAGC
 AGGACTTGTGGCCGAAGAGCTGGAGAACTGAGGCTGAGTATGAGCCTGCGGGAGCGAAGACTCCGGGA
 GCAGCACAGGGATCTGAAGTCAGCCCGAGAAGAACAAGGAACTGATGGCTGAACAACCTCTGTATGAA
 CACTGGAGGAAGAACAACCCGAACTTCGAGAGATTGAGTTGGACCTTACAAGAAGCATGTGATAAATT
 CCTGGGCAACACAGAAAGAAGAAAAAACAAGCAAGAAGCCACTGAGAAGCAGGAAAACAAGCAGTTTGA
 GAACGAGTATGCGGCCGCCAGGAAGCTGAGGCCAGGCTGAAAGCCGAGGAGGAGGAAAGCAGCTA
 GAGGGTACAGTGCAGGGCGAGGCTCTGCCCGCAGCAGATGGAGGAGCTGAAGCAGAAGGAGATGGAGGCCA
 CCAAACCTGAAGAAGGAACAGGAGAACCTGCTGAAGCAGCACTGGGAACTGGAAAGGCTGGACGACGAAAG
 GAAGCAGATGGCCATCGTCCGGCGCAAGACAGAGCTAGGGCGCATCTTGCGACATCAGTACAATGCGCAG
 CTCAACAGGCGCACCCAGCAGATCCAGGAGGAGCTGGAGGCAGATGGGCGGATCCTGCAGGCACTGCTGG
 AGAAGGACAATGAGTGCAGCAAGTCAAGTGGCAGGCGGGAGCAAGCCATGGCCGATGCGGCCAGAT
 GAAGCAGGTATCGAGGAGCAGTGCAGCTGGAGAAGGCAGGGAGGCAGAGTGCAGCAGCTGCTGAGG
 GAAGAGGCCAAAGAGATGTGGGAAAAGAGAGAAGCAGAGTGGGCTCGAGAGCAGAGTCCGCGGGACAACA
 TGATGAGCGAGGTTCTGACCGGCAGGCAGCAGCAGATCCAAGAAAAGATTGAACAGAACCAGGCGAGCACA
 AGAGGAGACCCTAAAATACAGGGAAGAAGTCAAGAGTCTCGAGGAGGGGAAGCAGTTAGCTCTGCGG
 GCAAAGGAAGAGAGTGAAGAGCTGAAGTCAAGCAGGAGGAGGCTGGAAGCCAGGTTGCGGAGCGCC
 AGTTCCAGGAGTGGGAAGCAGCCCGCAGGAGGAGGAAAGAGAAGGAGGCCAAGAAGGCAGAACAGCT
 CTCCAACGCTCGGCTGCAGCAGGAGGCGAGGACCATGGTGAAGAGGGGCTACAGGCCCAAGATTCATGGA
 CACCTCAGGATTGCCTGGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191666
- Insert Size:** 1494 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_001191666.1](#), [NP_001178595.1](#)

RefSeq Size: 2653 bp

RefSeq ORF: 1494 bp

Locus ID: 304547

Cytogenetics: 12q16