

Product datasheet for **RN205919**

Tyrp1 (NM_001106664) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tyrp1 (NM_001106664) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tyrp1
Synonyms:	B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205919 representing NM_001106664
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATCTTACAACGTCTCTCTCTAGCCTCTCTCTTCCCTGATGCTGCTTTGCTGTCTGGG
 CTCAGTTTCCACGAGAATGCGCCAATATTGAGGCTCTGAGAAGTGGGGTGTGTTGCCAGACCTGTTCC
 TTCTCTGGACAGGGACTGACCCTGTGGCTCATCATCAGGAAGGGGCAGGTGTGTGGCTGTGACCGCA
 GACTCCCAGCCCCACAGCCGCCATTATCCCATGATGGTAGAGATGACCGGAAGGCTGGCCTCTGAGGT
 TCTTCAATAGGACATGTCAGTGAATGGTAATTTCTCAGGACACAACCTGTGGGGCTTGTGCTCTGGGTG
 GAGAGGAGCTGCATGCAACCAGAAAATTCTCACAGTCAGGAGAAATCTTCTTGACTTAAGTACAGAAAGAA
 AAAAGCCACTTCGTCAGGGCCTTGATATGGCGAAGCGCACAACTCACCTCAATTTGTCATTGCCACAA
 GGAGGTCAGAAGACATGCTGGGACCAGATGGCAGCACACCACAATTTGAGAACATTTCCATTTACAAC
 TTTTGGTGGACACACTATTATTCAGTCAAAAAACCTTCTTGGGGCAGGACAGGAGAGCTTTGGCGAT
 GTGGATTTCTCTACGAAGGACCAGCTTCTCTCATGACAGGTACCATCTGCTGCAGCTGGAGCGAG
 ACATTCAGGAGATGCTGCAGGAGCCTTCTTCTCCCTTCTTACTGGAATTTGCAACTGGGAAAAACAT
 CTGTGATATCTGCACTGATGACTTGATGGGATCCAGAAGCAACTTCGATTCTACTCTTATAAGCCCCAAC
 TCTGTCTTTTACAATGGAGAGTGGTCTGTGAATCCTTAGAAGAGTACGATACCTTGGGAACACTTTGCA
 ACAGCACTGAGGGTGGTCCAATCAGGAGAAACCCAGCCGAAATGTAGGGAGACCAGCAGTACAGCGTCT
 TCCTGCGCCACAGGATGTTACTCGATGCCTGGAGGTTCTGTGTGTTGACACGCCTCTTTTTATTCCAAT
 TCTACAAACAGTTTTCGAAACACAGTGAAGGTTACAGCGATCCCACGGGAAATATGACCCTGCTGTTT
 GAAGCCTTCATAACCTGGCCACCTCTTCTGAATGGGACAGGAGGACAAACCCATCTGTCTCCCAATGA
 TCCTATTTTTGTCTCTGCATACCTTCTCACTGATGCAGTCTTTGATGAATGGCTAAGGAGATACAATGCC
 GATATTTCTACCTTCCCATTGGAATGCTCCTATTGGACATAACAGGCAATATAACATGGTACCATTCT
 GGCTCCAGTTACCAACACAGAAATGTTTGTACTGCTCCAGACAACCTGGGATATGCTTATGAACCTCA
 ATGGCCAGGTCAGGAATTTACTGTATCTGAAATCATTACCATTGCTGTAATAGCTGGGCTGTACTTGT
 GCTGCCATTTTTGGGAGTCTTCTGTCTGATCCGCTCTAGAAGCACCAAGAATGAAGCCAACCGCCTC
 TCCTCACCGATCACTACCAACGCTATGCTGAGGAATATGAAGAACTCCCAATCTAATCAAACCATGGT
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106664

Insert Size: 1614 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_001106664.1](#), [NP_001100134.1](#)

RefSeq Size: 2685 bp

RefSeq ORF: 1614 bp

Locus ID: 298182

Cytogenetics: 5q31