

Product datasheet for **RN204086**

Tbl1xr1 (NM_001108941) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbl1xr1 (NM_001108941) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbl1xr1
Synonyms:	RGD1560053
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204086 representing NM_001108941
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTATAAGCAGTGATGAGGCAACTCTTGGTATATAGTACTTGCAAGAGTCAGGATTTTCTCATT
 CTGCATTTACCTTTGGTATAGAGAGCCATATAAGTCAGTCCAACATAAATGGTGCCCTCGTCCCACCCGC
 TGCACTCATCTCTATCATCCAGAAAGCCCTGCAATATGTAGAGGCAGAAGTTAGCATAAATGAGGATGGC
 ACCTTATTTGATGGTCGACCCATAGAGTCTCTGTCCCTGATAGATGCTGTCATGCCCGATGTCGTCCAAA
 CAAGACAACAAGCCTACAGAGACAAGCTTGACAGCAACATGCAGCCGCTGCTGCAGCTGCTGCCGAGC
 CACTAACCAAGGCTCTGCGAAAAATGGAGAGAACACAGCCAATGGGGAGGAGAATGGAGCACACACC
 ATCGCAAATAATCACACGGACATGATGGAGGTGGACGGGGATGTGAAATCCCTCCCAATAAAGCGGTTG
 TGCTTCGGGGCCATGAATCGGAAGTTTTATCTGTGCCTGGAACCCTGTTAGTGATCTCCTGGCATCAGG
 GTCTGGAGACTCCACTGCAAGAATATGGAACCTCAGTGAGAACAGCACAAGTGGCCCCACACAGCTGGTG
 CTTAGACTGCATACGGGAAGGAGGGCAGGACGTTCCAGTAACAAGGATGTCACCTCTCTAGATTGGA
 ATAGTGAAGGTACACTTCTAGCAACTGGGTATATGACGGATTTGCCAGAATATGGACTAAAGATGGTAA
 TCTTGCCAGCACCTTGGGGCAGCATAAAGGTCCTATATTTGCATTAATAAAGAAAGGAAATTTTC
 ATCCTAAGTGCTGGTGTAGACAAGACCACCATCTTTGGGATGCGCATACTGGAGAAGCCAAGCAGCAGT
 TTCCTTTCCATTCAGCCCCAGCACTGGATGTTGACTGGCAGAGCAACAACACCTTTGCATCTTGTAGTAC
 AGATATGTGCATTACGCTCTGCAAATAGGACAAGACAGACCTATCAAAACATCCAGGGACACACGAAT
 GAAGTAAATGCTATCAAATGGGACCAACTGGCAATCTCCTAGCCTCCTGTTCCAGATGACATTGA
 AGATATGGAGTATGAAGCAAGATAACTGTGTTTCATGATTTACAAGCACATAATAAAGAAATTTATCCTT
 TAAATGGAGTCCAACAGGACCAGGACAATAATCCGAATGCCAACCTTATGCTAGCAAGTGCATCCTTT
 GATTCTACAGTTAGGTTATGGGATGTAGACCGAGGGATTTGCATCCATACTTTGACAAAACATCAAGAGC
 CTGTGTACAGTGTGGCTTTTAGTCTGATGGCAGGTATCTGGCAAGTGGTTCTTTTGACAAGTGTGTGCA
 CATCTGGAACACACAGACAGGTGCTCTAGTTCACAGTTACAGGGGAACAGGTGGGATTTTGAAGTTTGC
 TGGAACGCAGCAGGAGACAAAGTTGGAGCCAGTCTCGGATGGTTCAGTTTGTGTCTTAGATCTTCGGA
 AATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001108941

Insert Size: 1545 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_001108941.1](#), [NP_001102411.1](#)

RefSeq Size: 7757 bp

RefSeq ORF: 1545 bp

Locus ID: 365755

Cytogenetics: 2q24