

Product datasheet for **RN205538**

Tbk1 (NM_001106786) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbk1 (NM_001106786) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205538 representing NM_001106786
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGAGCACTTCCAACCATCTGTGGCTTTTGTCTGATATCCTAGGCCAAGGGGCTACTGCAAATGTCT
 TCCGAGGAAGGCATAAGAAAACCTGGTGATCTCTATGCTGTCAAAGTATTTAATAACATAAGCTTCCTTCG
 CCCAGTGGATGTTCAAATGAGAGAAATTTGAAGTGTAAAAAAGCTCAATCACAAAAACATTGTCAAATTA
 TTTGCTATTGAAGAAGAGACAACAACAAGACATAAAGTACTTATCATGGAGTTCTGTCCCTGTGGGAGTT
 TATACACTGTGTTAGAGGAGCCATCCAATGCCTATGGACTGCCAGAATCAGAGTTTTTAATTGTTTTACG
 AGATGTGGTGGGCGGAATGAATCATCTCCGAGAGAACGGCATAGTGCACCGTGATATCAAGCCAGGGAAC
 ATCATGCGCGTCATAGGAGAAGACGGACAGTCTGTGTACAAACTCACAGACTTTGGTGCCGCTAGAGAGT
 TAGAGGACGATGAGCAGTTCGTGTCTGTATGGCACAGAAGAGTATTTGCACCCGGACATGTATGAGAG
 GGCAGTGCTAAGGAAGGACCATCAGAAGAAGTACGGAGCCACCGTTGATCTGTGGAGTGTGGAGTCA
 TTCTACCACGCAGCCACGGGGTCTGCTGCCCTTTAGACCCTTCGAGGGCCCTCGGAGGAACAAAGAAGTAA
 TGTATAAAATAATCACTGGGAAGCCTTCTGGTGAATATCTGGAGTACAGAAAGCAGAAAACGGACCAAT
 TGACTGGAGTGGAGACATGCCTCTTTCTGTAGTCTTTCTCAGGGTCTTCAGGCACTGCTTACCCAGTT
 CTTGCAAACATACTTGAAGCTGATCAGGAGAAGTCTGGGGCTTTGACCAGTTCTTTGCAGAGACTAGTG
 ATGTGCTGCACCGAATGGTAATCCATGTTTTCTCGCTACAGCACATGACAGCGCTTAAGATCTATATTCA
 TAGCTATAACACAGCTGCTGTGTTCCATGAACTGGTCTATAAACAAACCAAGATTATTTCTTCAAATCAA
 GAACTTATCTACGAAGGACGACGCTTGGTCTAGAAGTGAAGACTAGCCAGCATTTCCTAAAACCA
 CAGAAGAAAAATCCTATCTTTGTCAAGCCGGGAACAACACTCAATCCATAGGTCTGAGATGAAAAAAT
 TTCCTACCTAAAATACATCCACGCTATGACCTGGACGGGGACGCCAGCATGGCCAAGGCAGTGACCGGG
 GTTGTGTGCTACGCTGCAGAACTGCTGGCACCTGCTGCTCTATCAAGAATAATGCGGAAGGGGGTGC
 GGTGGCTGATTGAACTAGTTAAAGACGACTACAATGAGACTGTCCACAAGAAGACAGAAGTTGTGATCAC
 ACTGGATTTCTGCATCAGAAACATTGAGAAGACTGTGAAAGTATATGAGAAGTTGATGAAGGTCAGCCTG
 GACGCCGAGAGCTGGGTGAGATTTAGACATACACACCAAGCTGCTGAGACTTTCCAGCTCTCAGGGAA
 CAATAGAGAGCAGTCTTCAGGACATCAACAGCAGGCTGTCCCGGGGATCGCTGGCTGACACCTGGGC
 ACATCAGGAAGGCACTCATCAAGAGACAGGAATGTAGAAAAGCTACAAGTCTTGTGAATTGCATCACA
 GAGATTTACTATCAGTTTAAAAGGACAAGGCAGAGCGCAGACTAGCGTATAATGAAGAACAGATCCACA
 AGTTTGATAAACAAAAATTGTATTACCATGCAACAAAAGCAATGACCCACTTTACCGATGAATGTGTCAG
 GAAGTATGAAGCATTAAAGACAGCTCTGAAGAATGGATGCGAAAAGATGCTTCATCTTCGGAAACAGCTG
 CTATCACTGACTAATCAGTGTGTTGACATCGAAGAGGAGGTGTCCAAGTATCAAGACTACACTAACGAGT
 TACAAGAACTCTGCCTCAGAAAATGCTTGACGCTCCAGTGGAAATCAAGCACACCGTGGCCCCGATCTA
 CCCCAGTTCTAACACCTTAGTGGAGATGACTCTCGGTATGAAGAAGCTGAAGGAGGAGATGGAGGGCGTG
 GTCAGGAGCTGGCCGAAAACAATCATATTTAGAAAGGTTTGGGTCTTTGACAATGGATGGTGGCTCC
 GCAATGTGGACTGTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106786

Insert Size: 2190 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:	<ol style="list-style-type: none">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:	<u>NM_001106786.1, NP_001100256.1</u>
RefSeq Size:	2987 bp
RefSeq ORF:	2190 bp
Locus ID:	299827
Cytogenetics:	7q22