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Product datasheet for RN217583

Ttbk1 (NM_001271230) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttbk1 (NM_001271230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttbk1
Synonyms:	RGD1559518
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217583 representing NM_001271230 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCAGTGCCTAGCGGCTGCTCTTAAAGACGAAACCAACATGAGTGGGGGAGGGGAGCAGGCCGACATCC TGCCGGCCAACTACGTGGTCAAAGATCGCTGGAAGGTGCTGAAAAAGATCGGGGGCGGGGGCTTCGGTGA GATCTATGAGGCCATGGACCTGCTGACCAGGGAGAACGTGGCCCTGAAGGTGGAGTCAGCCCAACAGCCT AAGCAGGTCCTCAAGATGGAGGTGGCTGTGCTCAAAAAGCTTCAAGGGAAGGACCACGTGTGCAGGTTCA TTGGCTGTGGCAGGAATGAGAAGTTTAACTATGTGGTGATGCAGCTCCAGGGTCGGAACCTGGCTGACTT GCGCCGCAGCCAGCCAAGGGGCACTTTCACACTGAGTACCACACTGCGTCTGGGCAAGCAGATTCTGGAG TCCATTGAAGCCATTCACTCCGTGGGCTTCCTGCACCGTGACATCAAGCCGTCCAACTTTGCCATGGGCC GGCTGCCCTCCACCTACAGAAAGTGCTACATGTTGGACTTTGGGCTGGCCCGGCAGTACACTAACACCAC TGGGGACGTCCGGCCTCCTCGGAATGTGGCCGGGTTCCGGGGGACTGTCCGCTACGCGTCGGTCAACGCT CACAAGAATCGGGAGATGGGCCGCCATGATGACCTGTGGTCCCTCTTCTACATGCTGGTGGAGTTTGCTG TGGGGCAGCTGCCCTGGAGGAAGATCAAGGACAAGGAGCAGGTAGGGATGATCAAGGAGAAGTATGAGCA CCGGATGCTACTGAAGCACATGCCTTCCGAGTTCCATCTCTTCCTGGACCACATCGCCAGCCTCGACTAC TTCACCAAGCCCGACTACCAGTTGATCATGTCGGTGTTTGAGAACAGCATGAAGGAACGGGGCATTGCTG AGAATGAGGCCTTTGACTGGGAGAAGGCAGGCACTGATGCCCTTCTGTCCACGAGCACCTCCACCCCACC CCAGCAGAACACACGGCAGACGGCAGCCATGTTTGGAGTGGTCAATGTGACACCTGTGCCCGGGGACCTG CTTCGTGAGAACACTGAGGATGTGCTCCAGGGAGAACACCTGAGTGACCAGGAGAATGCACCCCCAATCC TGCCTGGGAGGCCTCCGGAGGGCTTGGGTCCTGGTCCCCACCTTGTCCCCCACCCTGGGGGTCCTGAGGC TGAAGTGTGGGAGGAGACAGATGTCAACCGTAACAAACTGCGCATCAACATTGGCAAAACACCCTGTGTG GAAGAAGAGCAGAGTCGAGGAGTCGGGGTCCCCAGCTCCCCAGTGCGTGCTCCCCCAGACTCCCCTACAA CCCCAGTGCGGTCTTTACGCTATCGGAGGGTCAATAGCCCAGAGTCGGAAAGGCTGTCTACAGCAGCTGA TGGGCGGGCAGAACTTCAGGAGAGGAGGTCACGGATGGATCTGCCTGGCTCACCCTCACGCCAGGCCTGC TCCTCACAACCAGCTCAGATGCTGTCAGTGGACACAGGCCATGCCGACAGGCAGGCCAGTGGCCGCATGG

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ACGTGTCAGCCTCTGTGGAGCAGGAGGCCCTGAGCAACGCCTTCCGCTCAGTGCCACTGGCTGAGGAGGA
AGACTTTGACAGCAAGGAGTGGGTCATTATTGACAAGGAGACAGAGCTCAAGGACTTCCCTCCTGGGGCT
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CCACGGTGCGGCCTCAGCGACCGACTCGGCCATCACCAGCAGGCTCCAGCTGCAGAAGCCCCCAGGGTTG
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CCAAGCCCGCAGCACCCCGCAGTCCCGGCCTCCCCACCTCCACCGCGCGCCACTCCAGCGGGTCCCCGCG
GAGCCAGTCCCTGTCCCGCAAAGAGAGCTCCTCCCCCTCGCATCAAGCCCGGCCTGGTTTCCCTCCATCT
CGGGGGGTCCTCCAAGTCAGATCTCAGTCGGAGGCCTCCCCGGGGGGCCCCAAGAAAGGACCCAAGGGGA
AACAACTGCAGACTCTGCGCGCAGCAACCAAAGGCCGGCCGGCGGTTTCAGAGGGTCGGCCCGGGAACAG
ATAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001271230

Insert Size: 3924 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_001271230.1, NP_001258159.1
RefSeq Size:	3924 bp
RefSeq ORF:	3924 bp
Locus ID:	316229
Cytogenetics:	9q12