

Product datasheet for RN212013

Ttbk2 (NM_001107766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttbk2 (NM_001107766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttbk2
Synonyms:	Ttbk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212013 representing NM_001107766 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAGTGGAGGAGGAGAGCAGCCAGATATCCTCAGTGTTGGAATCCTGGTCAAAGAAAGATGGAAAGTGT
TAAGAAAGATTGGGGTGGGGCTTTGGAGAAATTCGATGCCTTGGACATGCTCACCAGGAGAAATGT
GGCACTGAAGGTGGAGTCAGCTCAGCAGCCAAAGCAGGTTCTGAAGATGGAGTTGCTGTGTTGAAGAAA
CTGCAAGGAAAAGACCATGTTTGTAGATTTATTGGTTGTGGGAGAAATGACCGTTTCACTACGTGGTCA
TGCAATTGCAGGGTCGGAATCTGGCAGATCTTCGACGTAGCCAATCTCGGGGCACATTCATATTAGCAC
TACTCTTCGTCTCGGAAACAGATTCTGGAGTCTATTGAAAGCATAACATTCTGTGGGATTCCTTCACAGA
GACATCAAACCGTCAAATTTCCGATGGGACGCTTTCCAGTACATGTAGAAAATGTTTTATGCTTGATT
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AACACCCAGAGCAGGCCGATGGTGGTGGCAGCCACGGATTTATAGCTGTTAACTTAAGCTCTTGTAAAGC



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AGGAGGTTGATTCCAAAGAATGGGTGATTGTGGACAAGGAGCAAGACCTTCGGGACTTTAGGACAAATGA
 GGTGTTAGGCCATAAAACAACCTGGAAGCCCTTCAGATGAGGAGCCGGAAGTGCTTCAGGTCTTGAGGGG
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 GGAGAACTTCTCGGGCTTGGCTGTGACAGAGGGTGAAGTGAAGAGCGGAGGAAGCAGAGTGGATTGGGA
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 TTTCTCGGGGACCTCTCAAGTGCCCTGAGAAGCTGATGGAGGAGAAGCTAGCTGCTGCTGCAGTTCCC
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 AAGATGGCTTTCTGTACCCATCGTCTCCAGTCTAGAAAGAGCAAGATTCGAGGCCAGTATCCTGGGT
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 TTTTCTCTCGCCTGGCCCAAATCTTCAAATGGATCTCAGAAATCCCGGAGTACTACACAATGCAAGAG
 CCCAGGATCTCCTCACAATCCAAAAACACCACCAAGAGTCCAGTTGTACCTCGAAGGAGTCCCAGTGCC
 TCTCCTCGAAGCTCTTCTTGCCTCGAACATCTAGTTCCTCACCATCTAGGGCTGGACGGCCCCACCATG
 ACCAGAGGAGTCTTCCCCACATCTGGGGAGAAGCAAGTCACTCCAGCCACTCAGGATCATCATCCTC
 CAGGAGGTCCTGCCAACAGGAGCATTGCAAACCAGCAAGAATGGCCCCAAAGGATCTGGCAGCCTCCAC
 CACCCTCAGCCAGCTCTAAAACCTCCCCAGGGAAGAGTAAGCCAGCCAGTAAACTCAGCAGATAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001107766

Insert Size:

3636 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_001107766.1, NP_001101236.1

RefSeq Size: 4273 bp

RefSeq ORF: 3636 bp

Locus ID: 311349

Cytogenetics: 3q35