

Product datasheet for **RR203535**

Tbcb (NM_001040180) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbcb (NM_001040180) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tbcb
Synonyms: Ckap1; ZH14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203535 representing NM_001040180
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGTGTCGGGGACATCGGGCCCCACCGTGACGGTTTTTCATCAGCAGCTCCCTCAACAGCTTCCGTT
CGGAGAAGCGATACAGTCGTAGCCTCACCATCGCAGAGTTCAAGTGTAAGTAACTGGAAGTGGTGGTGGGCAG
CCCTGCTTCCTGCATGGAAGTGGAGCTGTATGGAGCTGACGACCAGTTCTACAGCAAGTTGGATCAGGAG
GATGCACTGCTGGGCTCCTATCCTGTGGATGATGGCTGCCGAATCCATGTATTGACCACAGTGGTGTC
GGCTCGGAGAATATGAGGACGTGTCAAAGTGGAGAAATACGAGATCTCACAGAAAGCTTACGAACGGAG
ACAGAACACAGTTCGATCCTTCATGAAGCGCAGCAAGTTAGGCCCGTACAATGAAGAAGTCCGGGCCAG
CAAGAGGCAGAGGCTGCCAGCGTCTCAGTGAGGAGGAGGCCAAGCCAGTGCCATCTCTGTGGGGAGCC
GTTGTGAGGTGCGGGCACCCGGCCAGTCCCTTCGAGGGGCACTGTCATGTATGTAGGACTCACAGATTT
CAAGCCAGGCTACTGGGTTGGTGTCCGATATGATGAGCCATTAGGAAAAACGATGGCAGTGTGAATGGG
AAACGCTACTTTGAATGCCAGGCCAAGTACGGTGCCTTTGTGAAGCCAGCGGCTGTCACGGTGGGAGATT
TCCCAGAGGAAGATTACGGATTGGACGAGATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203535 representing NM_001040180
 Red=Cloning site Green=Tags(s)

MEVSGTSAPTVTVFISSSLNSFRSEKRYRSRLTIAEFKCKLELVGSPASCMELELYGADDQFYSKLDQE
 DALLGSPVDDGCRIVHDHSGVRLGEYEDVSKVEKYEISPEAYERRQNTVRSFMKRSLGPYNEELRAQ
 QEAEAAQRLSEEEAQASAI SVGSRCEVRAPGQSLRRGTVMYVGLTDFKPGYWVGVRYPDEPLGKNDGVSNG
 KRYFECQAKYGAFVKPAAVTVGDFPEEDYGLDEM

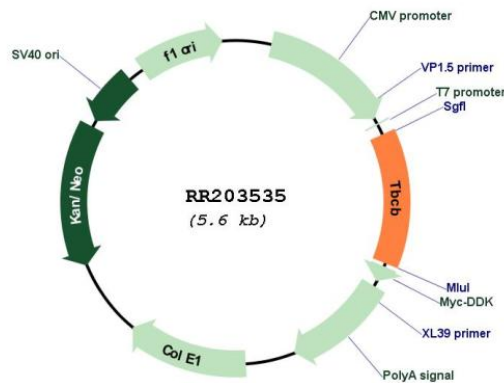
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001040180
ORF Size: 732 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001040180.1 , NP_001035270.1
RefSeq Size:	1107 bp
RefSeq ORF:	735 bp
Locus ID:	292777
Cytogenetics:	1q21
MW:	27.2 kDa