

Product datasheet for **MC207582**

Tbcb (NM_025548) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbcb (NM_025548) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbcb
Synonyms:	2410007D12Rik; AU041393; CG22; Ckap1; CKAPI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207582 representing NM_025548 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGTGACGGGGATATCGGGCCCCACCGTGATGGTTTTTCATCAGCAGCTCCCTCAACAGCTTCCGTT
CGGAGAAGCGATACAGTCGTAGCCTCACCATCGCAGAGTTCAAGTGAACTGGAGCTGGTGGTGGGCAG
CCCTGCTTCTGCATGGAAGTGGAGCTATATGGAGCAGACGACAAGTTCTACAGCAAGTTGGATCAGGAG
GATGCACTGCTGGGCTCCTATCCTGTGGATGACGGCTGTGCGATCCATGTATTGACCACAGTGGCGTCC
GGCTCGGAGAGTATGAGGATGTGTCCAAAGTGGAGAAATACGAGATCTCACAGAAAGCTTACGAACGGAG
GCAGAACACAGTTCGATCCTTCATGAAACGCAGCAAGCTAGGCCCGTACAATGAAGAACTCCGGGCCAG
CAAGAGGCAGAGGCTGCCAGCGTCTCAGTGAGGAGAAGGCCAAGCCAGTGCCATCTCTGTGGGGAGCC
GTTGTGAGGTGCGGGCACCCGACCACTCCCTTCGCAGGGGCACTGTCATGTATGTAGGACTCACAGATTT
CAAGCCAGGCTACTGGGTTGGTGTCCGATATGATGAGCCGTTAGGAAAAACGATGGCAGTGTGAATGGG
AAACGCTACTTTGAATGCCAGGCCAAGTATGGTGCCTTTGTAAAGCCATCAGCTGTACCCGATAGGAGATT
TCCCAGAGGAGGACTACGGGTTGGACGAGAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025548
Insert Size:	735 bp



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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:	NM_025548.3 , NP_079824.2
RefSeq Size:	1173 bp
RefSeq ORF:	735 bp
Locus ID:	66411
UniProt ID:	Q9D1E6
Cytogenetics:	7 B1
Gene Summary:	<p>Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer (By similarity). Involved in regulation of tubulin heterodimer dissociation (PubMed:17184771). May function as a negative regulator of axonal growth (PubMed:17217416).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>