

## Product datasheet for **MR204048**

### Tcrb (BC034887) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcrb (BC034887) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tcrb
Synonyms:	BV13S1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR204048 representing BC034887 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTCTTGGGTGTTAGTGCTCAGACTATCCATCAATGGCCAGTTGCCGAGATCAAGGCTGTGGGCAGCC  
CACTGTCTCTGGGGTGTACCATAAAGGGGAAATCAAGCCCTAACCTCTACTGGTACTGGCAGGCCACAGG  
AGGCACCCTCCAGCAACTTTCTACTCTATTACTGTTGGCCAGGTAGAGTCGGTGGTCAACTGAACCTC  
TCAGCTTCCAGGCCGAAGGACGACCAATTCATCCTAAGCACGGAGAAGCTGCTTCTCAGCCACTCTGGCT  
TCTACCTCTGTGCCTGGAGTCTACTGGGGGGGGGGTGCAGAAAACGCTGTATTTGGCTCAGGAACCG  
ACTGACTGTTCTCGAGGATCTGAGAAATGTGACTCCACCAAGGTCTCCTTGTGGCCATCAAAAGCA  
GAGATTGCAAACAACAAAAGGCTACCCTCGTGTGCTTGGCCAGGGGCTTCTCCCTGACCACGTGGAGC  
TGAGCTGGTGGGTGAATGGCAAGGAGTCCACAGTGGGGTCCAGCACGGACCCTCAGGCCTACAAGGAGAG  
CAATTATAGCTACTGCCTGAGCAGCCGCTGAGGGTCTCTGCTACCTTCTGGCACAATCCTCGAAACCTG  
TTCCGCTGCCAAGTGCAGTTCATGGGCTTTCAGAGGAGGACAAGTGGCCAGAGGGCTCACCCAAACCTG  
TCACACAGAACATCAGTGCAGAGGCTGGGGCCGAGCAGACTGTGGAATCACTTCAGCATCTATCATCA  
GGGGTCTGTCTGCAACCATCCTCTATGAGATCCTACTGGGGAAGGCCACCCTATATGCTGTGCTGGTC  
AGTGGCCTGCTGCTGATGGCCATGGTCAAGAAAAAATTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204048 representing BC034887  
Red=Cloning site Green=Tags(s)

MFLGVSAQTIHQWPVAEIKAVGSPLSLGCTIKGKSSPNLYWYWQATGGTLQQLFYSITVGGQVESVQLNL  
 SASRPKDDQFILSTEKLLLSHSGFYLCAWSLLGGGGAETLYFGSGTRLTVLEDLRNVTPPKVSLFEP  
 SKAEIANKQKATLVCLARGFFPDHVELSWWVNGKEVHSGVSTDPQAYKESNYSYCLSSRLRVSATF  
 FWHNPRNH FRCQVQFHGLSEEDKWPEGSPKPVTONISAEAWGRADCGITTSASYHQVLSATILYE  
 ILLGKATLYAVLV SGLVLMAMVKKKNS

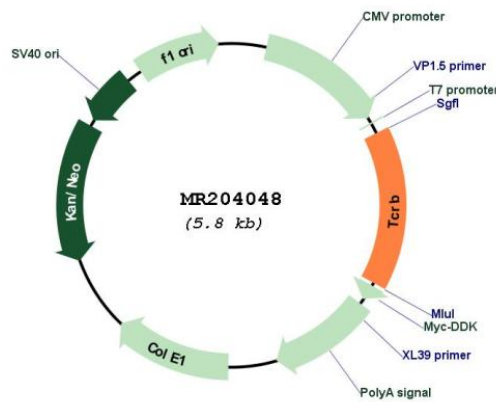
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC034887

**ORF Size:** 882 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC034887</a>
<b>RefSeq Size:</b>	1231 bp
<b>RefSeq ORF:</b>	884 bp
<b>Locus ID:</b>	269846
<b>Cytogenetics:</b>	6 19.71 cM 6 B1
<b>MW:</b>	45.1 kDa