

## Product datasheet for **RC237888**

### TRIB3 (NM\_001301201) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TRIB3 (NM\_001301201) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** TRIB3  
**Synonyms:** C20orf97; NIPK; SINK; SKIP3; TRB3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237888 representing NM\_001301201  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**C

ATGGTACTTATGCATCTTGCTGTGAAGAATAACAGGATGAGTGCTAATAATGACCATTTCTGACACCTA  
 CCTGGCAACAGATGCGAGCCACCCTCTGGCTGCTCCTGCGGGTTCCTGTCCAGGAAGAAGCGTTGGA  
 GTTGGATGACAACTTAGATACCGAGCGTCCCGTCCAGAAACGAGCTCGAAGTGGGCCCCAGCCAGACTG  
 CCCCCCTGCCTGTTGCCCTGAGCCACCTACTGCTCCAGATCGTGAAGTGTGGCCACTGCCTCCC  
 GTCTTGGGCCCTATGTCCTCCTGGAGCCGAGGAGGGCGGGCCCTACCAGGCCCTGCACTGCCTAC  
 AGGCACTGAGTATACCTGCAAGGTGTACCCCGTCCAGGAAGCCCTGGCCGTGCTGGAGCCCTATGCGCGG  
 CTGCCCCCGCACAAAGCATGTGGCTCGGCCCACTGAGGTCTGGCTGGTACCCAGCTCCTCTACGCCTTTT  
 TCACTCGGACCCATGGGACATGCACAGCCTGGTGCAGAGCCGCCACCGTATCCCTGAGCCTGAGGCTGC  
 CGTGCTCTTCCGCCAGATGGCCACCGCCCTGGCGCACTGTCACCAGCACGGTCTGGTCTGCGTGATCTC  
 AAGCTGTGTCGCTTTGTCTTTCGCTGACCGTGAGAGGAAGAAGCTGGTGTGGAGAACCTGGAGGACTCCT  
 GCGTGCTGACTGGCCAGATGATTCCTGTGGGACAAGCACGCGTGCACAGCCTACGTGGGACCTGAGAT  
 ACTCAGCTCACGGCCCTCATACTCGGGCAAGGCAGCCGATGTCTGGAGCCTGGGCGTGGCGCTTTCACC  
 ATGCTGGCCGGCCACTACCCCTTCCAGGACTCGGAGCCTGTCTGCTCTTTCGGCAAGATCCGCCCGGGG  
 CCTACGCCTTGCCTGCAGGCCTCTCGGCCCTGCCCGCTGTCTGGTTCGCTGCCTCCTTCGTCGGGAGCC  
 AGCTGAACGGCTCACAGCCACAGGCATCCTCCTGCACCCTGGCTGCGACAGGACCCGATGCCCTTAGCC  
 CCAACCCGATCCCATCTCTGGGAGGCTGCCAGGTGGTCCCTGATGGACTGGGGCTGGACGAAGCCAGGG  
 AAGAGGAGGGAGACAGAGAAGTGGTTCTGTATGCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

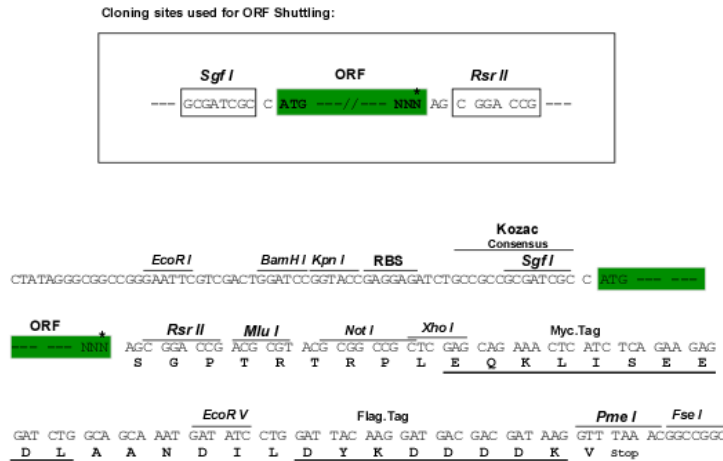
**Protein Sequence:** >RC237888 representing NM\_001301201  
 Red=Cloning site Green=Tags(s)

MVLMHLAVKNNRMSANNDHFLTPTWQQMRATPLAAPAGSLSRKKRELEDDNLDTERPVQKRARSGPQPRLLPCLLPLSPPTAPDRATAVATASRLGPVYLLEPEEGRAYQALHCPTGTEYTCVVYPVQEALAVLEPYARLPPHKHVARPTEVLGTQLLYAFFTRTHGDMHSLVRSRHRIPPEAAVLFQMATALAHCHQHGLVLRDLKLCRFVFAADRERKKLVLENLEDSVLTGPDDSLWDKHACPAYVGPPEILSSRASYSGKAADVWSLGVALFTMLAGHYPFQDSEPVLLFGKIRRGAYALPAGLSAPARCLVRCLLRREPAERLTATGILLHPWLRQDPMPLAPTRSHLWEAAQVVPDGLGLDEAREEEGDREVVLYG

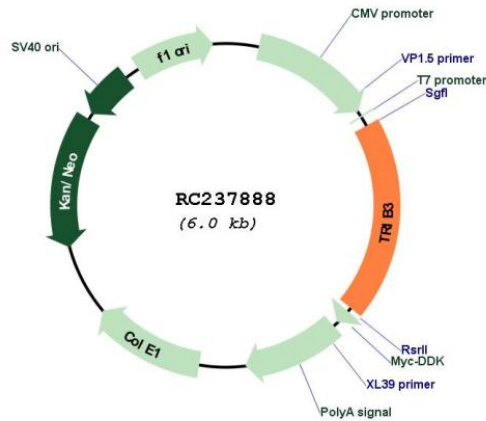
SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001301201

<b>ORF Size:</b>	1155 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="#">NM_001301201.1</a> , <a href="#">NP_001288130.1</a>
<b>RefSeq Size:</b>	2413 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	57761
<b>UniProt ID:</b>	<a href="#">Q96RU7</a>
<b>Cytogenetics:</b>	20p13
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transcription Factors
<b>MW:</b>	43.2 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. Differential promoter usage and alternate splicing result in multiple transcript variants. [provided by RefSeq, Jul 2014]