

## Product datasheet for **SC112991**

### TRIB3 (NM\_021158) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TRIB3 (NM\_021158) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TRIB3  
**Synonyms:** C20orf97; NIPK; SINK; SKIP3; TRB3  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_021158 edited  
ATGCGAGCCACCCTCTGGCTGCTCCTGCGGGTTCCTGTCCAGGAAGAAGCGGTTGGAG  
TTGGATGACAACCTTAGATACCGAGCGTCCCGTCCAGAAACGAGCTCGAAGTGGGCCCCAG  
CCCAGACTGCCCCCTGCCTGTTGCCCTGAGCCACCTACTGCTCCAGATCGTGCAACT  
GCTGTGGCCACTGCCTCCCGTCTTGGGCCCTATGTCTCCTGGAGCCCGAGGAGGCGGG  
CGGGCCTACCAGGCCCTGCACTGCCCTACAGGCACTGAGTATACCTGCAAGGTGTACCC  
GTCCAGGAAGCCCTGGCCGTGCTGGAGCCCTACGCGGGCTGCCCCGCAAGCATGTG  
GCTCGGCCACTGAGGTCTGGTGGTACCCAGCTCCTTACGCCTTTTTCACTCGGACC  
CATGGGGACATGCACAGCCTGGTGCAGCCGCCACCGTATCCCTGAGCCTGAGGCTGCC  
GTGCTCTCCGCCAGATGGCCACCGCCCTGGCGCACTGTACCAGCACGGTCTGGTCTG  
CGTGATCTCAAGCTGTGTCGCTTTGTCTTCGCTGACCGTGAGAGGAAGAAGCTGGTGCTG  
GAGAACCTGGAGGACTCCTGCGTGTGACTGGGCCAGATGATTCCTGTGGGACAAGCAC  
GCGTGCCAGCCTACGTGGGACCTGAGATACTCAGCTCACGGGCCCTCATACTCGGGCAAG  
GCAGCCGATGTCTGGAGCCTGGGCGTGGCGCTCTTACCATGCTGGCCGGCCACTACCC  
TTCCAGGACTCGGAGCCTGTCTGCTCTTCGGCAAGATCCGCCGGGGCCCTACGCCTTG  
CCTGCAGGCCTCTCGGCCCTGCCCGTGTCTGGTTTCGCTGCCTCCTTCGTGGGAGCCA  
GCTGAACGGCTCACAGCCACAGGCATCCTCCTGCACCCCTGGCTGCGACAGGACCCGATG  
CCCTTAGCTCAAACCCGATCCCATCTCTGGGAGGCTGCCAGGTGGTCCCTGATGGACTG  
GGGCTGGACGAAGCCAGGGAAGAGGAGGAGACAGAGAAGTGGTTCTGTATGGCTAG



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_021158 unedited</p> <pre> NGGTTACATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGTGCAT CCCGGGCCCGAGGGCATCAGACGGCGGCTGATTAGCTCCGGTTTGCATCACCCGGACCG GGGATTAGCTCCGGTTTGCATCACCCGAACCGGGGATTAGCTCCGGTTTGCATCACCCG GACCGGGGGCCGGGCGCGCAGAGACTCGCAGCGGAAGTGGAGGGCGGCTCCGCGTGCCTC CGCTGCTAGGACCCGGGAGGGCTGGAGCTGGGCTGGGATCCCGAGCTCGGCAGCAGCGC AGCGGGCCGGCCACCTGCTGGTGCCCTGGAGGCTCTGAGCCCGGCGGGCCCGGGCC ACGCGGAACGACGGGGCAGATGCGAGCCACCCCTCTGGCTGCTCCTGCGGGTCCCTGT CCAGGAAGAAGCGTTGGAGTTGGATGACAACCTAGATACCGAGCGTCCCGTCCAGAAAC GAGCTCGAAGTGGGCCCCAGCCAGACTGCCCCCTGCCTGTTGCCCTGAGCCACCTA CTGCTCCAGATCGTGCAACTGCTGTGGCCACTGCCTCCCGTCTTGGGCCCTATGCTCTC TGGAGCCCCGAGGAGGGGCGGGCGGCTACCAGGCCCTGCACTGCCCTACAGGCACTGAG TATACCTGCAAGGTGTACCCCGTCCAGGAAGCCCTGGCCGTGCTGGAGCCCTACGCGCGG CTGCCCCGCAACAAGCATGTGGCTCGGCCACTGAGGTCCTGGCTGGTACCCAGCTCCTC TACGCCTTTTCTACTCGGACCCATGGNGACATGCACAGCCTGGTCCGAAGCCGCCACCGT ATCCCTGAGCCTGAGGCTGCCGTCTTCCGCCAGATGCCACCGCCCTGGCGCACTGTA CCAGCACCGTT </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_021158 unedited</p> <pre> AAGGCCGCACGTGAGAGTCGAGTTTTTTTTCTTTTTTTTTATTTTCATAATTCTCCTTTAT TAGGCACAGGTAACATACATACTCATGGTATCCAAAACCTAGAGTATGGACCTGGGATT GTGGACCCCAAGTGTCCCAGAAGAGTCCACCTGGGACTTCCAGGTGGCCACAGGACA GACCCTGCCTAATCCTGTCCCTAACCTTGGTGTCTCAGGTCAGAAGCCCCATGGTTGACA GGCCTGGACCCTATTCCAGAACAGTCTTGAGTTAGACAAGAAGTGCCTCATAGTTGG ATTCTTATCTCTGGCCAAATCCAGGCTTAGGCCTGGAAGGAGAATCTCTTAATCAAGA GGACAGAGATGCTGGAAACACAGTCCCAGAGTGGGCTGGGCTTGGGTCCTGAGTTGCAG GGGAGAGGCTAGAGCCTTTGGCACAGGATACCTCCCTTTCTCTGAAAAGGTACAAGAT ACAAAGGCAGCTGGTTTGTGTGAAAGGGATTGCTCTGGACAGAGGTGCCTGAGCACC AGCATCAGTGGAGGCCGACACTGGTACAAAGTGTACCCAGTGTAGACAGTGACCTATGGT CATGGAAAAGTGTGTACCTCCAGGATGCCAGCTTGTCTCTCTGCGAGCAGGGAACAT TGGCTCCTTTGCTCACTGCTGGGACTCCCAGCACCGGAAACAGGCCTTGGCACCTGATAA CACCCCAAGCAAGAAGTGGTGTGGGACAAACCAGATGGGTCACCGGACACCCCC ACCAAGGCTCCTGCCCTNTCCCTTCTGGAAGGCCCTCGAAGTTTTCGCCTCACCTCAA GCCCGGAGAAGGCTGGAGCCTCCCCCAACCTCACCCCTGTGGCCCTAGCCTGCACT ACGCGTGTCTAACATAAAAACCTTTCCNTGGCCCTCCCTTCTGGTTCGGACCACC CCAAACATAAG </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_021158
<b>Insert Size:</b>	2210 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<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_021158.3</a> , <a href="#">NP_066981.2</a>
<b>RefSeq Size:</b>	2469 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	57761
<b>UniProt ID:</b>	<a href="#">Q96RU7</a>
<b>Cytogenetics:</b>	20p13
<b>Domains:</b>	pkinase, S_TKc
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1, also known as 1A) represents the longest transcript and encode the predominant isoform (1).</p>