

Product datasheet for **RG237701**

TRIB3 (NM_001301196) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIB3 (NM_001301196) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIB3
Synonyms:	C20orf97; NIPK; SINK; SKIP3; TRB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237701 representing NM_001301196. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGAGCCACCCTCTGGCTGCTCCTGCGGGTCCCTGTCCAGGAAGAAGCGGTTGGAGTTGGATGAC
AACTTAGATACCGAGCGTCCCGTCCAGAAACGAGCTCGAAGTGGGCCCCAGCCAGACTGCCCCCTGC
CTGTTGCCCTGAGCCACCTACTGCTCCAGATCGTGCAACTGCTGTGGCCACTGCCTCCCGTCTTGGG
CCCTATGTCTCCTGGAGCCGAGGAGGGCGGGCCCTACCAGGCCCTGCACTGCCCTACAGGCCT
GAGTATACCTGCAAGGTGTACCCCGTCCAGGAAGCCCTGGCCGTGCTGGAGCCCTATGCGCGGCTGCC
CCGCACAAGCATGTGGCTCGGCCACTGAGGTCTGGCTGGTACCCAGCTCCTCTACGCCTTTTCACT
CGGACCCATGGGACATGCACAGCCTGGTGCAGCCGCCACCGTATCCCTGAGCCTGAGGCTGCCGTG
CTCTCCGCCAGATGGCCACCGCCCTGGCGCACTGTCAACAGCACGGTCTGGTCTGCGTGATCTCAAG
CTGTGTGCTTTGTCTTCGCTGACCGTGTAGAGGAAGAAGCTGGTGTGGAGAACCCTGGAGGACTCCTGC
GTGCTGACTGGGCCAGATGATCCCTGTGGGACAAGCACGCGTGGCCAGCCTACGTGGGACTGAGATA
CTCAGCTACGGGCTCATACTCGGGCAAGGCAGCCGATGTCTGGAGCCTGGGCGTGGCGCTTTCACC
ATGCTGGCCGGCCACTACCCCTCCAGGACTCGGAGCCTGTCTGCTCTTCGGCAAGATCCGCCGGGG
GCCTACGCCTTGCTGCAGGCCCTCGGCCCTGCCGCTGTCTGGTTCGCTGCCTCCTCGTGGGAG
CCAGCTGAACGGCTCACAGCCACAGGCATCCTCCTGCACCCCTGGCTGCGACAGGACCCGATGCCCTTA
GCCCCAACCCGATCCCATCTCTGGGAGGCTGCCAGGTGGTCCCTGATGGACTGGGCTGGACGAAGCC
AGGGAAGAGGAGGAGACAGAGAAGTGGTTCTGTATGGC
AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



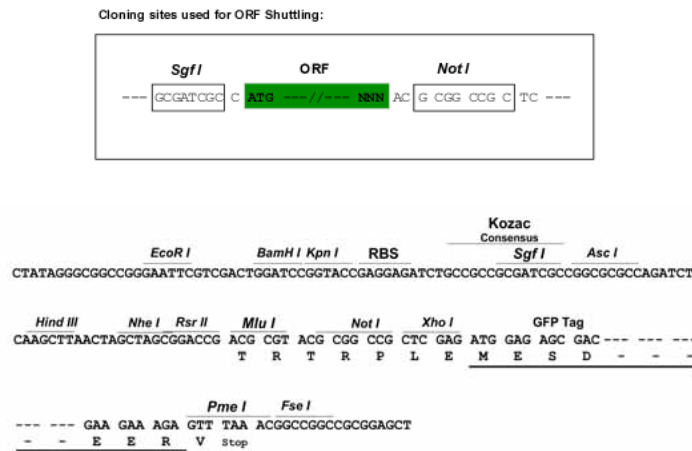
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237701
 Blue=ORF Red=Cloning site Green=Tag(s)

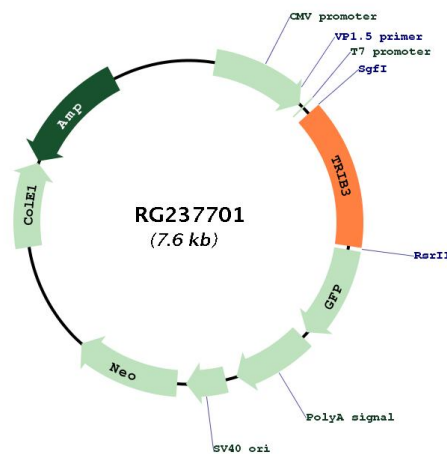
MRATPLAAPAGSLSRKKRLELDDNLDTERPVQKRARSGPQRLPPCLLPLSPPTAPDRATAVATASRLG
 PYVLLPEPEGGRAYQALHCTGTGEYTCVYPVQEALAVLEPYARLPPHKHVARPTEVLAGTQLLYAFFT
 RTHGDMHSLVRSRHRIPPEAAVLFRQMATALHCHQHGLVLRDLKLCRFVFADRERKKLVLENLEDS
 VLTGPDDSLWDKHACPAVYVGPVILSSRASYSKGAADVSLGVALFTMLAGHYPFQDSEPVLLFGKIRRG
 AYALPAGLSAPARCLVRCLLRREPAERLTATGILLHPWLRQDPMPLAPTRSHLWEAAQVVPDGLGLDEA
 REEEGDREVLLYG
 SGPTRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLL
 SHVMGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGF
 PEDSVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGP
 MFAFRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-NotI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001301196
ORF Size:	1074 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).
RefSeq:	NM_001301196.1 , NP_001288125.1
RefSeq Size:	2219 bp
RefSeq ORF:	1077 bp
Locus ID:	57761
UniProt ID:	Q96RU7
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors
MW:	39.6 kDa
Gene Summary:	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]