

Product datasheet for **SC335782**

TRIB3 (NM_001301201) Human Untagged Clone

Product data:

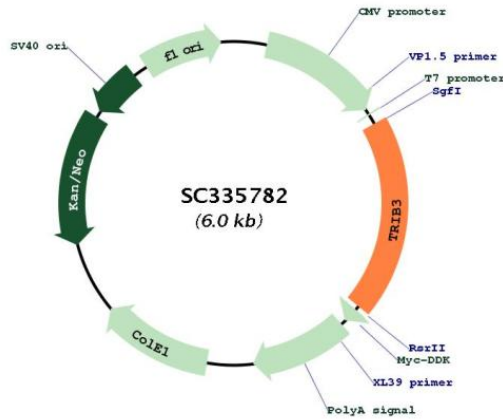
Product Type:	Expression Plasmids
Product Name:	TRIB3 (NM_001301201) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIB3
Synonyms:	C20orf97; NIPK; SINK; SKIP3; TRB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335782 representing NM_001301201. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTACTTATGCATCTTGCTGTGAAGAATAACAGGATGAGTGCTAATAATGACCATTTCTGACACCT
ACCTGGCAACAGATGCGAGCCACCCCTCTGGCTGCTCCTGCGGGTTCCTGTCCAGGAAGAAGCGGTTG
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TCCCGTCTTGGCCCTATGTCCTCCTGGAGCCGAGGAGGGCGGGCGGGCTACCAGGCCCTGCACTGC
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GCCTTTTTCACTCGGACCCATGGGGACATGCACAGCCTGGTGCAAGCCGCCACCGTATCCCTGAGCCT
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CCGATGCCCTTAGCCCCAACCCGATCCCATCTCTGGGAGGCTGCCAGGTGGTCCCTGATGGACTGGGG
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII



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Plasmid Map:


ACCN: NM_001301201

Insert Size: 1158 bp

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:

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_001301201.1](#)

RefSeq Size: 2413 bp

RefSeq ORF: 1158 bp

Locus ID: 57761

UniProt ID: [Q96RU7](#)

Cytogenetics: 20p13

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

MW: 42.8 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]
Transcript Variant: This variant (6) has an alternate 5' UTR exon and an additional exon in the 5' region, which results in an upstream in-frame AUG start codon, compared to variant 1. The resulting isoform (2) has a longer N-terminus, compared to isoform 1.