

Product datasheet for RC206687L3

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OriGene Technologies, Inc.

TRIB3 (NM_021158) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TRIB3 (NM_021158) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: TRIB3

Synonyms: C20orf97; NIPK; SINK; SKIP3; TRB3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

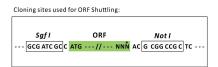
E. coli Selection: Chloramphenicol (34 ug/mL)

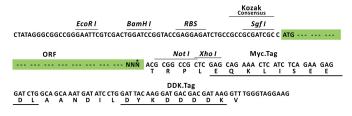
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC206687).

Sequence:

Restriction Sites: Sgfl-Notl

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_021158

ORF Size: 1074 bp





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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).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

20p13

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: <u>NM 021158.3</u>

 RefSeq Size:
 2469 bp

 RefSeq ORF:
 1077 bp

 Locus ID:
 57761

 UniProt ID:
 Q96RU7

Cytogenetics:

Domains: pkinase, S TKc

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

MW: 39.4 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]