

## Product datasheet for **MR204806L4V**

### Trib3 (BC012955) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Trib3 (BC012955) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trib3
Synonyms:	Trb3, Nipk, SINK, SKIP3, TRB-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC012955
ORF Size:	984 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204806).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">BC012955</a> , <a href="#">AAH12955</a>
RefSeq Size:	1969 bp
RefSeq ORF:	986 bp
Locus ID:	228775
Cytogenetics:	2 74.83 cM



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**Gene Summary:**

Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the 'Thr-308' phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and inhibits its phosphorylation and thus its transcriptional activation activity. Interacts with MAPK kinases and regulates activation of MAP kinases. May play a role in programmed neuronal cell death but does not appear to affect non-neuronal cells. Does not display kinase activity. Inhibits the transcriptional activity of DDIT3/CHOP and is involved in DDIT3/CHOP-dependent cell death during ER stress (By similarity). Can inhibit APOBEC3A editing of nuclear DNA.[UniProtKB/Swiss-Prot Function]