

## Product datasheet for **MR205755L4V**

### Trib1 (NM\_144549) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Trib1 (NM_144549) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trib1
Synonyms:	A530090O15Rik; TRB-1; Trb1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144549
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205755).
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="#">NM_144549.2</a> , <a href="#">NP_653132.1</a>
RefSeq Size:	4026 bp
RefSeq ORF:	1119 bp
Locus ID:	211770
UniProt ID:	<a href="#">Q8K4K4</a>
Cytogenetics:	15 D1



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**Gene Summary:**

Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase (PubMed:23515163, PubMed:20410507). Promotes CEBPA degradation and inhibits its function (PubMed:20410507). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain (PubMed:24003916, PubMed:23515163). Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner (PubMed:23515163). Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]