

## Product datasheet for **RC211481L1V**

### TRIO (NM\_007118) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIO (NM_007118) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIO
Synonyms:	ARHGEF23; MEBAS; MRD44; MRD63; tgat
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007118
ORF Size:	9279 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211481).
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_007118.2</a>
RefSeq Size:	10244 bp
RefSeq ORF:	9294 bp
Locus ID:	7204
UniProt ID:	<a href="#">O75962</a>
Cytogenetics:	5p15.2
Domains:	RhoGEF, pkinase, TyrKc, SEC14, SH3, PH, spectrin, S_TKc, ig, IGc2, IG
Protein Families:	Druggable Genome, Protein Kinase



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**MW:** 346.7 kDa

**Gene Summary:** This gene encodes a large protein that functions as a GDP to GTP exchange factor. This protein promotes the reorganization of the actin cytoskeleton, thereby playing a role in cell migration and growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]