

## Product datasheet for **MR210992L4V**

### 2310066E14Rik (BC030451) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	2310066E14Rik (BC030451) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	2310066E14Rik
Synonyms:	2310066E14Rik; AI837433
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC030451
ORF Size:	2586 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210992).
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="#">BC030451.1</a>
RefSeq Size:	3209 bp
RefSeq ORF:	2588 bp
Locus ID:	75687
Cytogenetics:	8 D3



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**Gene Summary:**

Downstream effector protein for Rho-type small GTPases that plays a role in cell polarity and directional migration. Acts as an adapter protein, linking active Rho proteins to STK24 and STK26 kinases, and hence positively regulates Golgi reorientation in polarized cell migration upon Rho activation. Involved in the subcellular relocation of STK26 from the Golgi to cytoplasm punctae in a Rho- and PDCD10-dependent manner upon serum stimulation. [UniProtKB/Swiss-Prot Function]