

## Product datasheet for **MR204752L4V**

### Bub3 (NM\_009774) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Bub3 (NM_009774) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bub3
Synonyms:	AU019800; AU021329; AU043350; AW146323; C78067
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009774
ORF Size:	981 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204752).
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_009774.2</a> , <a href="#">NP_033904.2</a>
RefSeq Size:	2055 bp
RefSeq ORF:	981 bp
Locus ID:	12237
UniProt ID:	<a href="#">Q9WVA3</a>
Cytogenetics:	7 74.36 cM



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**Gene Summary:**

This gene encodes a component of the mitotic spindle assembly complex. The encoded protein is involved in the regulation of chromosome segregation during oocyte meiosis. Disruption of this gene results in the accumulation of mitotic errors and is lethal in the embryonic stage. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]