

## Product datasheet for **MR204186L4V**

### Hus1 (BC061249) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hus1 (BC061249) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hus1
Synonyms:	mHus1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC061249
ORF Size:	900 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204186).
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="#">BC061249.1</a>
RefSeq Size:	2127 bp
RefSeq ORF:	902 bp
Locus ID:	15574
Cytogenetics:	11 5.74 cM



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**Gene Summary:**

This gene encodes a component of a cell cycle checkpoint complex that causes cell cycle arrest in response to bulky DNA lesions and DNA replication blockage. Together with the proteins Rad9 and Rad1, the encoded protein forms a heterotrimeric complex known as the 9-1-1 complex. Mice lacking the encoded protein develop spontaneous chromosomal abnormalities resulting in embryonic lethality. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2015]