

## Product datasheet for **MR211590L4V**

### Heatr5b (BC086652) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Heatr5b (BC086652) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Heatr5b
Synonyms:	2010013B10Rik; A230048G03Rik; AV071430; D330050P16Rik; mKIAA1414
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC086652
ORF Size:	3222 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211590).
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="#">BC086652</a> , <a href="#">AAH86652</a>
RefSeq Size:	3463 bp
RefSeq ORF:	3224 bp
Locus ID:	320473
Cytogenetics:	17 E3


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**Gene Summary:**

Component of clathrin-coated vesicles (By similarity). Component of the afitphilin/p200/gamma-synerglin complex, which plays roles in AP1G1/AP-1-mediated protein trafficking including the trafficking of transferrin from early to recycling endosomes, and the membrane trafficking of furin and the lysosomal enzyme cathepsin D between the trans-Golgi network (TGN) and endosomes (By similarity).[UniProtKB/Swiss-Prot Function]