

## Product datasheet for **MR215618L4V**

### Cln5 (NM\_001033242) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cln5 (NM_001033242) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cln5
Synonyms:	A730075N08Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033242
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215618).
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_001033242.1</a> , <a href="#">NP_001028414.1</a>
RefSeq Size:	2447 bp
RefSeq ORF:	1026 bp
Locus ID:	211286
UniProt ID:	<a href="#">Q3UMW8</a>
Cytogenetics:	14 51.71 cM



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**Gene Summary:**

Plays a role in influencing the retrograde trafficking of lysosomal sorting receptors SORT1 and IGF2R from the endosomes to the trans-Golgi network by controlling the recruitment of retromer complex to the endosomal membrane. Regulates the localization and activation of RAB7A which is required to recruit the retromer complex to the endosomal membrane.  
[UniProtKB/Swiss-Prot Function]