

## Product datasheet for **MR226150L4V**

### Clps (NM\_025469) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Clps (NM_025469) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Clps
Synonyms:	2200003J09Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025469
ORF Size:	339 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226150).
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_025469.2</a> , <a href="#">NP_079745.1</a>
RefSeq Size:	494 bp
RefSeq ORF:	342 bp
Locus ID:	109791
UniProt ID:	<a href="#">Q9CQC2</a>
Cytogenetics:	17 A3.3



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**Gene Summary:**

This gene encodes a member of the colipase family of coenzymes that is required for the optimal activity of pancreatic lipase. The encoded protein undergoes proteolytic processing to generate a mature polypeptide that binds to the lipase and prevents inhibition by bile acids. Over half of the mice lacking the encoded protein die within two weeks of birth while the remaining ones exhibit fat malabsorption and altered body weight regulation. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Nov 2015]