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Product datasheet for MR225047L3V

Cpvl (NM_027749) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cpvl (NM_027749) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cpvl
Synonyms:	4933436L16Rik; HVLP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_027749
ORF Size:	1437 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225047).
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. More info
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:	NM_027749.1, NP_082025.1
RefSeq Size:	1708 bp
RefSeq ORF:	1437 bp
Locus ID:	71287
UniProt ID:	Q9D3S9
Cytogenetics:	6 B3

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Gene Summary: This gene encodes a member of the serine carboxypeptidase family of proteases that cleave amino acids from the C-terminus of a protein substrate. The human ortholog of this gene, where it was first characterized, was found to be upregulated during the maturation of monocytes to macrophages. The encoded protein may be involved in antigen processing, digestion of phagocytosed proteins in the lysosome and lamellipodium formation. Disruption of this gene in mice was found to cause embryonic lethality. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2015]