

Product datasheet for MR225047L4

Cpvl (NM_027749) Mouse Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpvl (NM_027749) Mouse Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Cpvl
Synonyms:	4933436L16Rik; HVLP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225047).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.

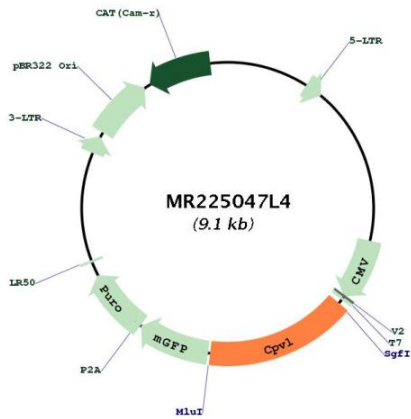
ACCN:	NM_027749
ORF Size:	1437 bp



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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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_027749.1 , NP_082025.1
RefSeq Size:	1708 bp
RefSeq ORF:	1437 bp
Locus ID:	71287
UniProt ID:	Q9D3S9
Cytogenetics:	6 B3
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]

Product images:



Circular map for MR225047L4