

## Product datasheet for **MR201056L3V**

### **Mcpt4 (BC026198) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Mcpt4 (BC026198) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mcpt4
Synonyms:	MMCP-4, MMCP-4A, MMCP-4B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC026198
ORF Size:	450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201056).
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="#">BC026198</a> , <a href="#">AAH26198</a>
RefSeq Size:	554 bp
RefSeq ORF:	452 bp
Locus ID:	17227
Cytogenetics:	14 28.19 cM


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**Gene Summary:**

Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. Preferentially hydrolyzes the 'Tyr-4-|-Ile-5' bond of angiotensin I and the 'Phe-20-|-Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8-|-His-9' bond of angiotensin I and the 'Phe-4-|-Ala-5' and 'Tyr-10-|-Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing. [UniProtKB/Swiss-Prot Function]