

## Product datasheet for **MR206627L4V**

### **Ckmt1 (NM\_009897) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Ckmt1 (NM_009897) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ckmt1
Synonyms:	mi-CK; Mt-CK; ScCKmit; UbCKmit
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009897
ORF Size:	1257 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206627).
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_009897.2</a> , <a href="#">NP_034027.1</a>
RefSeq Size:	1589 bp
RefSeq ORF:	1257 bp
Locus ID:	12716
UniProt ID:	<a href="#">P30275</a>
Cytogenetics:	2 60.37 cM



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**Gene Summary:**

Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.[UniProtKB/Swiss-Prot Function]