

Product datasheet for **MR201335L3V**

Pmch (NM_029971) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pmch (NM_029971) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pmch
Synonyms:	A230109K23Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_029971
ORF Size:	498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201335).
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_029971.2 , NP_084247.1
RefSeq Size:	748 bp
RefSeq ORF:	498 bp
Locus ID:	110312
UniProt ID:	P56942
Cytogenetics:	10 43.7 cM



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Gene Summary:

This gene encodes a preproprotein that is cleaved to produce three mature peptides: melanin concentrating hormone, neuropeptide-glutamic acid-isoleucine (NEI), and neuropeptide-glycine-glutamic acid (NGE). The proprotein is processed differently depending on the tissue where it is expressed. Melanin concentrating hormone is involved in the regulation of food intake, energy homeostasis, and sleep-wake behavior. Disruption of this gene is associated with resistance to diet-induced obesity. [provided by RefSeq, May 2013]