

Product datasheet for **MR223216L4V**

Lnpep (NM_172827) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lnpep (NM_172827) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lnpep
Synonyms:	2010309L07Rik; 4732490P18Rik; CAP; gp160; IRAP; PLAP; vp165
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172827
ORF Size:	3075 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223216).
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_172827.3 , NP_766415.1
RefSeq Size:	5181 bp
RefSeq ORF:	3078 bp
Locus ID:	240028
UniProt ID:	Q8C129
Cytogenetics:	17 A3.2



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Gene Summary:

Release of an N-terminal amino acid, cleave before cysteine, leucine as well as other amino acids. Degrades peptide hormones such as oxytocin, vasopressin and angiotensin III, and plays a role in maintaining homeostasis during pregnancy. May be involved in the inactivation of neuronal peptides in the brain. Cleaves Met-enkephalin and dynorphin. Binds angiotensin IV and may be the angiotensin IV receptor in the brain (By similarity).[UniProtKB/Swiss-Prot Function]