

Product datasheet for **RC220692L2V**

Leucyl cystinyl aminopeptidase (LNPEP) (NM_005575) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Leucyl cystinyl aminopeptidase (LNPEP) (NM_005575) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Leucyl cystinyl aminopeptidase
Synonyms:	CAP; IRAP; P-LAP; PLAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005575
ORF Size:	3075 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220692).
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_005575.2
RefSeq Size:	4470 bp
RefSeq ORF:	3078 bp
Locus ID:	4012
UniProt ID:	Q9UIQ6
Cytogenetics:	5q15
Domains:	Peptidase_M1



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Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane
Protein Pathways:	Renin-angiotensin system
MW:	117.2 kDa
Gene Summary:	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bradykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GLUT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]