

Product datasheet for **RC209037L2V**

NPEPPS (NM_006310) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPEPPS (NM_006310) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPEPPS
Synonyms:	AAP-S; MP100; PSA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006310
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209037).
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_006310.3
RefSeq Size:	4364 bp
RefSeq ORF:	2760 bp
Locus ID:	9520
UniProt ID:	P55786
Cytogenetics:	17q21.32
Domains:	Peptidase_M1
Protein Families:	Druggable Genome, Protease



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MW: 103.1 kDa

Gene Summary: This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. [provided by RefSeq, Jul 2008]