Product datasheet for MR211336L3V

Anpep (NM_008486) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Anpep (NM_008486) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Anpep
Synonyms:	AP-M; AP-N; Apn; Cd13; P150
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008486
ORF Size:	2901 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211336).
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_008486.1
RefSeq Size:	3439 bp
RefSeq ORF:	2901 bp
Locus ID:	16790
UniProt ID:	P97449
Cytogenetics:	7 D2

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Gene Summary: Broad specificity aminopeptidase which plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Also involved in the processing of various peptides including peptide hormones, such as angiotensin III and IV, neuropeptides, and chemokines (By similarity). May also be involved the cleavage of peptides bound to major histocompatibility complex class II molecules of antigen presenting cells (PubMed:8691132). May have a role in angiogenesis and promote cholesterol crystallization (By similarity).[UniProtKB/Swiss-Prot Function]