

Product datasheet for **RC224520L4V**

VIP (NM_194435) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VIP (NM_194435) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VIP
Synonyms:	PHM27
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_194435
ORF Size:	507 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224520).
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_194435.1
RefSeq Size:	1598 bp
RefSeq ORF:	510 bp
Locus ID:	7432
UniProt ID:	P01282
Cytogenetics:	6q25.2
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	19.1 kDa



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Gene Summary:

The protein encoded by this gene belongs to the glucagon family. It stimulates myocardial contractility, causes vasodilation, increases glycogenolysis, lowers arterial blood pressure and relaxes the smooth muscle of trachea, stomach and gall bladder. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
[provided by RefSeq, Nov 2014]