

Product datasheet for **RC219388L4V**

Laeverin (LVRN) (NM_173800) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Laeverin (LVRN) (NM_173800) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Laeverin
Synonyms:	APQ; AQPEP; TAQPEP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173800
ORF Size:	2970 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219388).
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_173800.3 , NP_776161.2
RefSeq Size:	4502 bp
RefSeq ORF:	2973 bp
Locus ID:	206338
UniProt ID:	Q6Q4G3
Cytogenetics:	5q23.1
Protein Families:	Protease, Transmembrane
MW:	113.1 kDa



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Gene Summary:

Metalloprotease which may be important for placentation by regulating biological activity of key peptides at the embryo-maternal interface. On synthetic substrates it shows a marked preference for Leu-4-methylcoumaryl-7-amide (Leu-MCA) over Met-MCA, Arg-LCA and Lys-LCA. Cleaves the N-terminal amino acid of several peptides such as angiotensin-3, kisspeptin-10 and endokinin C.[UniProtKB/Swiss-Prot Function]