

## Product datasheet for **RC224493L4V**

### Kallikrein 4 (KLK4) (NM\_004917) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Kallikrein 4 (KLK4) (NM_004917) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kallikrein 4
Synonyms:	A12A1; ARM1; EMSP; EMSP1; kallikrein; KLK-L1; PRSS17; PSTS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004917
ORF Size:	762 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224493).
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. <a href="#">More info</a>
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:	<a href="#">NM_004917.3</a> , <a href="#">NP_004908.3</a>
RefSeq Size:	1347 bp
RefSeq ORF:	765 bp
Locus ID:	9622
UniProt ID:	<a href="#">Q9Y5K2</a>
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	27.03 kDa


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**Gene Summary:**

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In some tissues its expression is hormonally regulated. The expression pattern of a similar mouse protein in murine developing teeth supports a role for the protein in the degradation of enamel proteins. Several transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Dec 2014]