

Product datasheet for **RC224554L1V**

Kallikrein 5 (KLK5) (NM_012427) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kallikrein 5 (KLK5) (NM_012427) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kallikrein 5
Synonyms:	KLK-L2; KLKL2; SCTE
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_012427
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224554).
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_012427.3
RefSeq Size:	1528 bp
RefSeq ORF:	882 bp
Locus ID:	25818
UniProt ID:	Q9Y337
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane
MW:	32.02 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. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]