

Product datasheet for **RC219028L3V**

Kallikrein 14 (KLK14) (NM_022046) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kallikrein 14 (KLK14) (NM_022046) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kallikrein 14
Synonyms:	KLK-L6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022046
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219028).
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_022046.4 , NP_071329.2
RefSeq Size:	1133 bp
RefSeq ORF:	756 bp
Locus ID:	43847
UniProt ID:	Q9P0G3
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	29.1 kDa



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Gene Summary:

This gene encodes a member of the kallikrein subfamily of serine proteases that have diverse physiological functions such as regulation of blood pressure and desquamation. The altered expression of this gene is implicated in the progression of different cancers including breast and prostate tumors. The encoded protein is a precursor that is proteolytically processed to generate the functional enzyme. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]