# Product datasheet for RC202744L4V

## Kallikrein 1 (KLK1) (NM_002257) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Kallikrein 1 (KLK1) (NM_002257) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Kallikrein 1 |
| **Synonyms:** | hK1; Klk6; KLKR |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_002257 |
| **ORF Size:** | 786 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC202744). |
| **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_002257.2 |
| **RefSeq Size:** | 886 bp |
| **RefSeq ORF:** | 789 bp |
| **Locus ID:** | 3816 |
| **UniProt ID:** | P06870 |
| **Cytogenetics:** | 19q13.33 |
| **Protein Families:** | Druggable Genome, Protease |
| **MW:** | 28.9 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. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]