

## **Product datasheet for RC223726L3**

#### OriGene Technologies, Inc.

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### Kallikrein 15 (KLK15) (NM\_138563) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Kallikrein 15 (KLK15) (NM\_138563) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Kallikrein 15

Synonyms: ACO; HSRNASPH

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

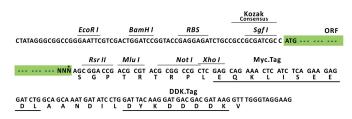
The ORF insert of this clone is exactly the same as(RC223726).

Sequence:

Restriction Sites: Sgfl-Rsrll

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_138563

ORF Size: 483 bp



#### Kallikrein 15 (KLK15) (NM\_138563) Human Tagged Lenti ORF Clone - RC223726L3

**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.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 138563.1</u>, <u>NP 612630.1</u>

 RefSeq Size:
 1172 bp

 RefSeq ORF:
 485 bp

 Locus ID:
 55554

Cytogenetics: 19q13.33

**Protein Families:** Druggable Genome, Protease, Secreted Protein

MW: 16.2 kDa

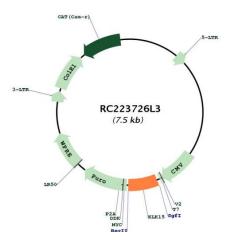
**Gene Summary:** Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing

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 prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq,

Jul 2008]



# **Product images:**



Circular map for RC223726L3