

## Product datasheet for RC220269L4V

## OriGene Technologies, Inc.

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## Lymphocyte Activation Gene 3 (LAG3) (NM\_002286) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: Lymphocyte Activation Gene 3 (LAG3) (NM\_002286) Human Tagged ORF Clone Lentiviral

Particle

Symbol: LAG3
Synonyms: CD223

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_002286 **ORF Size:** 1575 bp

**ORF Nucleotide** 

The

OTI Disclaimer:

Sequence:

The ORF insert of this clone is exactly the same as(RC220269).

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:** <u>NM 002286.4</u>

 RefSeq Size:
 1991 bp

 RefSeq ORF:
 1578 bp

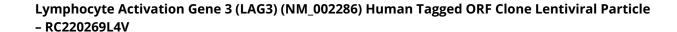
 Locus ID:
 3902

 UniProt ID:
 P18627

Cytogenetics: 12p13.31

Domains: ig, IG







**Protein Families:** Transmembrane

**MW:** 57.45 kDa

Gene Summary: Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like

domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and

chromosomal localization all indicate a close relationship of LAG3 to CD4. [provided by

RefSeq, Jul 2008]