

## Product datasheet for **RC227018L3V**

### CD164 (NM\_001142404) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD164 (NM_001142404) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD164
Synonyms:	DFNA66; endolyn; MGC-24; MGC-24v; MUC-24
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001142404
ORF Size:	471 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227018).
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. <a href="#">More info</a>
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:	<a href="#">NM_001142404.1</a>
RefSeq ORF:	474 bp
Locus ID:	8763
UniProt ID:	<a href="#">Q04900</a>
Cytogenetics:	6q21
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	Lysosome
MW:	16.6 kDa



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**Gene Summary:**

This gene encodes a transmembrane sialomucin and cell adhesion molecule that regulates the proliferation, adhesion and migration of hematopoietic progenitor cells. The encoded protein also interacts with the C-X-C chemokine receptor type 4 and may regulate muscle development. Elevated expression of this gene has been observed in human patients with Sezary syndrome, a type of blood cancer, and a mutation in this gene may be associated with impaired hearing. [provided by RefSeq, Oct 2016]