

## Product datasheet for **RC220102L4V**

### Galectin 8 (LGALS8) (NM\_006499) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

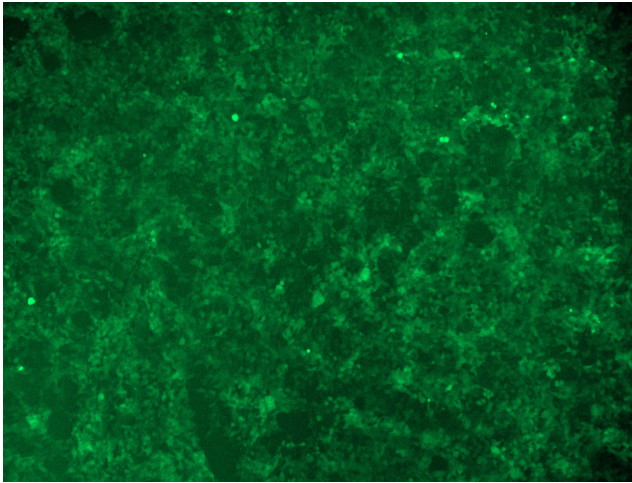
Product Type:	Lentiviral Particles
Product Name:	Galectin 8 (LGALS8) (NM_006499) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Galectin 8
Synonyms:	Gal-8; PCTA-1; PCTA1; Po66-CBP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006499
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220102).
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_006499.3</a>
RefSeq Size:	2996 bp
RefSeq ORF:	1080 bp
Locus ID:	3964
UniProt ID:	<a href="#">O00214</a>
Cytogenetics:	1q43
Domains:	Gal-bind_lectin
MW:	40.2 kDa



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**Gene Summary:**

This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Product images:**

[RC220102L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC220102L4V particle to overexpress human LGALS8-mGFP fusion protein.