

## Product datasheet for **RC219655L4V**

### CD151 (NM\_139029) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CD151 (NM_139029) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD151
Synonyms:	GP27; MER2; PETA-3; RAPH; SFA1; TSPAN24
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139029
ORF Size:	759 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219655).
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_139029.1</a> , <a href="#">NP_620598.1</a>
RefSeq Size:	1570 bp
RefSeq ORF:	762 bp
Locus ID:	977
UniProt ID:	<a href="#">P48509</a>
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome, Transmembrane
MW:	28.3 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008]