

Product datasheet for **RC209201L2V**

COLEC12 (NM_130386) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	COLEC12 (NM_130386) Human Tagged ORF Clone Lentiviral Particle
Symbol:	COLEC12
Synonyms:	CLP1; NSR2; SCARA4; SRCL
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_130386
ORF Size:	2226 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209201).
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.
RefSeq:	NM_130386.1
RefSeq Size:	3134 bp
RefSeq ORF:	2229 bp
Locus ID:	81035
UniProt ID:	Q5KU26
Cytogenetics:	18p11.32
Protein Families:	Transmembrane
MW:	81.6 kDa



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Gene Summary:

This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells. [provided by RefSeq, May 2018]