

Product datasheet for **RC204547L2V**

GI24 (C10orf54) (NM_022153) Human Tagged ORF Clone Lentiviral Particle

Product data:

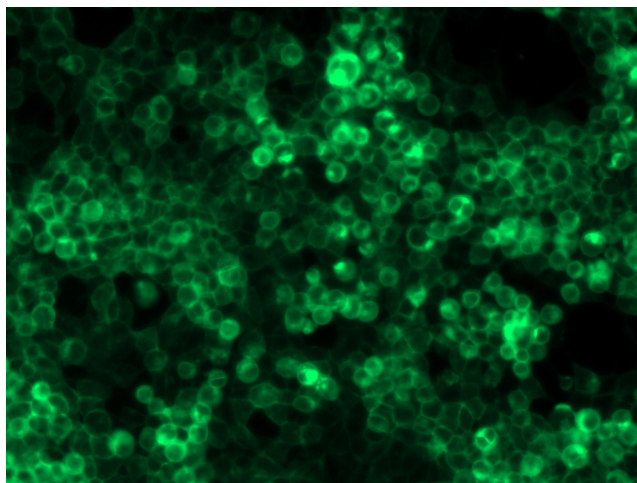
Product Type:	Lentiviral Particles
Product Name:	GI24 (C10orf54) (NM_022153) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GI24
Synonyms:	B7-H5; B7H5; C10orf54; DD1alpha; Dies1; GI24; PD-1H; PP2135; SISP1; VISTA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_022153
ORF Size:	933 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204547).
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_022153.1 , NP_071436.1
RefSeq Size:	4774 bp
RefSeq ORF:	936 bp
Locus ID:	64115
UniProt ID:	Q9H7M9
Cytogenetics:	10q22.1
Protein Families:	Transmembrane
MW:	33.9 kDa



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Gene Summary:

Immunoregulatory receptor which inhibits the T-cell response (PubMed:24691993). May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling (By similarity). May stimulate MMP14-mediated MMP2 activation (PubMed:20666777).[UniProtKB/Swiss-Prot Function]

Product images:

[RC204547L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC204547L2V particle to overexpress human VSIR-mGFP fusion protein.