

Product datasheet for **RC207328L3V**

SFRP1 (NM_003012) Human Tagged ORF Clone Lentiviral Particle

Product data:

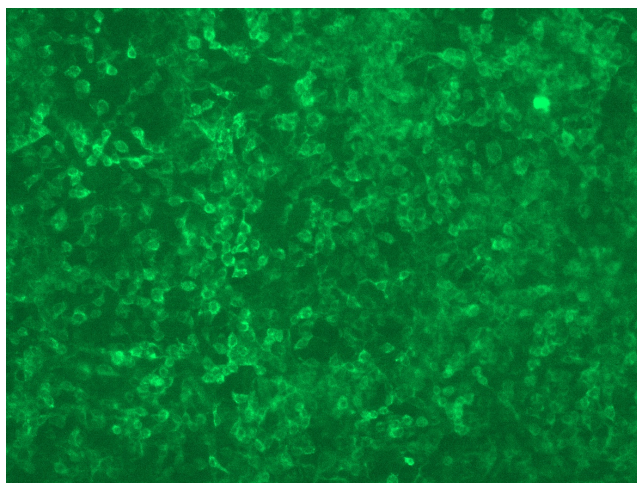
Product Type:	Lentiviral Particles
Product Name:	SFRP1 (NM_003012) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SFRP1
Synonyms:	FRP; FRP-1; FRP1; FrzA; SARP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003012
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207328).
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_003012.3
RefSeq Size:	4465 bp
RefSeq ORF:	945 bp
Locus ID:	6422
UniProt ID:	Q8N474
Cytogenetics:	8p11.21
Domains:	FRI, NTR



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Protein Families:	Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway, Transmembrane
Protein Pathways:	Wnt signaling pathway
MW:	35.2 kDa
Gene Summary:	This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Members of this family act as soluble modulators of Wnt signaling; epigenetic silencing of SFRP genes leads to deregulated activation of the Wnt-pathway which is associated with cancer. This gene may also be involved in determining the polarity of photoreceptor cells in the retina. [provided by RefSeq, Sep 2009]

Product images:



[RC207328L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207328L3V particle to overexpress human SFRP1-Myc-DDK fusion protein.