

Product datasheet for **MR205321L4V**

Sfrp4 (NM_016687) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sfrp4 (NM_016687) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sfrp4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016687
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205321).
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_016687.1 , NP_057896.1
RefSeq Size:	1780 bp
RefSeq ORF:	1056 bp
Locus ID:	20379
UniProt ID:	Q9Z1N6
Cytogenetics:	13 6.99 cM



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Gene Summary:

Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types (PubMed:27355534). SFRP4 plays a role in bone morphogenesis (PubMed:27355534). May also act as a regulator of adult uterine morphology and function. May also increase apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake (By similarity).[UniProtKB/Swiss-Prot Function]