

Product datasheet for **RC205016L1V**

RSPO3 (NM_032784) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RSPO3 (NM_032784) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSPO3
Synonyms:	CRISTIN1; PWTSR; THSD2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032784
ORF Size:	816 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205016).
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_032784.3
RefSeq Size:	4583 bp
RefSeq ORF:	819 bp
Locus ID:	84870
UniProt ID:	Q9BXY4
Cytogenetics:	6q22.33
Domains:	tsp_1, FU
Protein Families:	Druggable Genome, Secreted Protein



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MW: 30.9 kDa

Gene Summary: This gene belongs to the R-spondin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development. [provided by RefSeq, Jul 2013]