

Product datasheet for **RC217722L4V**

RSPO4 (NM_001040007) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RSPO4 (NM_001040007) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSPO4
Synonyms:	C20orf182; CRISTIN4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040007
ORF Size:	516 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217722).
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_001040007.1
RefSeq Size:	2536 bp
RefSeq ORF:	519 bp
Locus ID:	343637
UniProt ID:	Q2I0M5
Cytogenetics:	20p13
Protein Families:	Secreted Protein
MW:	19.61 kDa



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Gene Summary:

This gene encodes a member of the R-spondin family of proteins that share a common domain organization consisting of a signal peptide, cysteine-rich/furin-like domain, thrombospondin domain and a C-terminal basic region. The encoded protein may be involved in activation of Wnt/beta-catenin signaling pathways. Mutations in this gene are associated with anonychia congenita. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]