

Product datasheet for **RC224177L2V**

RSPO2 (NM_178565) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RSPO2 (NM_178565) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSPO2
Synonyms:	CRISTIN2; HHRRD; TETAMS2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_178565
ORF Size:	729 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224177).
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_178565.3 , NP_848660.2
RefSeq Size:	2842 bp
RefSeq ORF:	732 bp
Locus ID:	340419
UniProt ID:	Q6UXX9
Cytogenetics:	8q23.1
Protein Families:	Secreted Protein
MW:	28.1 kDa



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Gene Summary:

This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]