

Product datasheet for **RC224581L4V**

Sprouty 4 (SPRY4) (NM_030964) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sprouty 4 (SPRY4) (NM_030964) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Sprouty 4
Synonyms:	HH17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030964
ORF Size:	966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224581).
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_030964.2
RefSeq Size:	4934 bp
RefSeq ORF:	969 bp
Locus ID:	81848
UniProt ID:	Q9C004
Cytogenetics:	5q31.3
Domains:	Sprouty
Protein Pathways:	Jak-STAT signaling pathway



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MW: 34.7 kDa

Gene Summary: This gene encodes a member of a family of cysteine- and proline-rich proteins. The encoded protein is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. Activity of this protein impairs the formation of active GTP-RAS. Nucleotide variation in this gene has been associated with hypogonadotropic hypogonadism 17 with or without anosmia. Alternative splicing results in a multiple transcript variants. [provided by RefSeq, Jun 2014]