

Product datasheet for **MR204177L4V**

Spry4 (NM_011898) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spry4 (NM_011898) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Spry4
Synonyms:	A030006O18Rik; sprouty4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011898
ORF Size:	903 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204177).
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_011898.2
RefSeq Size:	4611 bp
RefSeq ORF:	903 bp
Locus ID:	24066
UniProt ID:	Q9WTP2
Cytogenetics:	18 20.5 cM



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Gene Summary:

Suppresses the insulin receptor and EGFR-transduced MAPK signaling pathway, but does not inhibit MAPK activation by a constitutively active mutant Ras. Probably impairs the formation of GTP-Ras (By similarity). Inhibits Ras-independent, but not Ras-dependent, activation of RAF1 (By similarity).[UniProtKB/Swiss-Prot Function]