

OriGene Technologies, Inc.

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Product datasheet for MR204177L3

Spry4 (NM_011898) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Spry4 (NM_011898) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Spry4

Synonyms: A030006O18Rik; sprouty4

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

Cell Selection: Puromycin

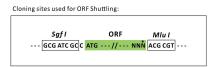
ORF Nucleotide

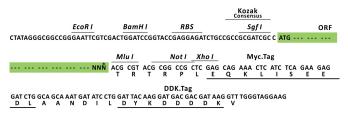
The ORF insert of this clone is exactly the same as(MR204177).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_011898

ORF Size: 903 bp





Spry4 (NM_011898) Mouse Tagged ORF Clone - MR204177L3

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: <u>NM 011898.2</u>

RefSeq Size: 4611 bp
RefSeq ORF: 903 bp
Locus ID: 24066
UniProt ID: Q9WTP2

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]