

## Product datasheet for MR202760L3

# Spred1 (BC057874) Mouse Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** Spred1 (BC057874) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Spred1

**Synonyms:** 5730461F13Rik; AL024345; AW047647

Mammalian Cell Puromycin

Selection:

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

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

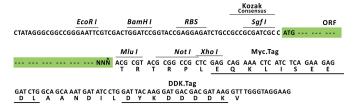
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR202760).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.



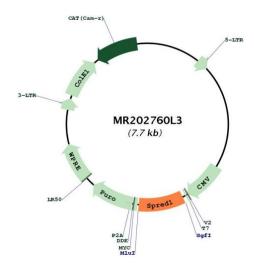
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn



#### Plasmid Map:



**ACCN:** BC057874 **ORF Size:** 687 bp

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.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

1453 bp

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

**RefSeq:** <u>BC057874.1</u>

RefSeq ORF: 689 bp

RefSeq Size:



### Spred1 (BC057874) Mouse Tagged Lenti ORF Clone - MR202760L3

Locus ID: 114715 Cytogenetics: 2 E5

**Gene Summary:** This gene encodes a membrane-associated protein that is phosphorylated by tyrosine

kinases in response to growth factors. The encoded protein acts as a negative regulator of the mitogen-activated protein (MAP) kinase signaling pathway. Alternative splicing results in

multiple transcript variants. [provided by RefSeq, Mar 2013]