

Product datasheet for MR204070L3

Sfrp2 (NM_009144) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Sfrp2 (NM_009144) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Sfrp2

Synonyms: Al851596; Sdf5

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(MR204070).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_009144

ORF Size: 888 bp



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Sfrp2 (NM_009144) Mouse Tagged Lenti ORF Clone - MR204070L3

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.

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>NM 009144.1</u>

 RefSeq Size:
 2001 bp

 RefSeq ORF:
 888 bp

 Locus ID:
 20319

 UniProt ID:
 P97299

Cytogenetics: 3 37.37 cM

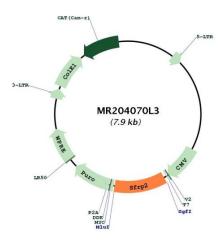
Gene Summary: Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through

direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP2 may be important for eye retinal development and for myogenesis.

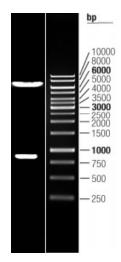
[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR204070L3



Double digestion of MR204070L3 using Sgfl and Mlul