

Product datasheet for MR204070

Sfrp2 (NM_009144) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfrp2 (NM_009144) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sfrp2
Synonyms:	AI851596; Sdf5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204070 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCGGGCCCTGCCTCGTGCTGCTAGTCCTCGCCTCGCACTGCTGCCTGGGCTCGGCGCGTG
GGCTCTTCCTCTTCGGCCAGCCGACTTCTCTACAAGCGCAGCAACTGCAAGCCATCCCCGCCAACCT
GCAGCTGTGCCACGGCATCGAGTACCAGAACATGCGGCTGCCAACCTGCTGGGCCACGAGACCATGAAG
GAGGTGCTGGAGCAGGCGGGCGCCTGGATTCCGCTGGTCATGAAGCAGTGCCACCCGGACACCAAGAAGT
TCCTGTGCTCGCTCTTCGCCCTGTCTGTCTCGACGACCTAGATGAGACCATCCAGCCGTGTCACCTCGCT
CTGCGTGCAGGTGAAGGACCGCTGCGCCCCGGTCATGTCCGCCTTCGGCTTCCCCGGCCAGACATGCTG
GAGTGCGACCGTTTCCCCGAGGACAACGACCTCTGCATCCCCCTCGCTAGTAGCGACCACCTCCTGCCGG
CCACAGAGGAAGCTCCCAAGGTGTGTAAGCCTGCAAAACCAAGAATGAGGACGACAACGACATCATGGA
AACCTTTGTAATAATGACTTCGCACTGAAAATCAAAGTGAAGGAGATAACGTACATCAACAGAGACACC
AAGATCATCCTGGAGACAAAGAGCAAGACATTTACAAGCTGAACGGCGTGTCCGAAAGGGACCTGAAGA
AATCCGTGCTGTGGCTCAAAGACAGCCTGCAGTGCACCTGTGAGGAGATGAACGACATCAACGCTCCGTA
TCTGGTCATGGGACAGAAGCAGGCGGGCGAGCTGGTGATCACCTCCGTGAAACGGTGGCAGAAGGGCCAG
AGAGAGTTCAAGCGCATCTCCCGCAGCATCCGCAAGCTGCAATGC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_009144.2](#)

RefSeq Size: 2001 bp

RefSeq ORF: 888 bp

Locus ID: 20319

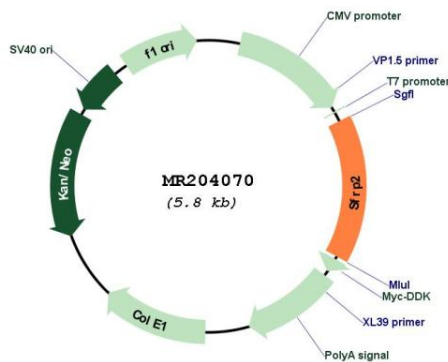
UniProt ID: [P97299](#)

Cytogenetics: 3 37.37 cM

MW: 33.5 kDa

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 MR204070