

Product datasheet for **MC203993**

Sfrp2 (NM_009144) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfrp2 (NM_009144) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfrp2
Synonyms:	AI851596; Sdf5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014722
 GCGCGGGCTTGCAGTGCCTTGCCCGCGCCGACCTCCCGGGCCCGGCTTCGCGCGTTCGCGCCGCCCGCT
 GTCCAGAGCCCCACGAGCAGAGCGAGGGAGTCCCGGACGAGCTCGAGCTCCGGCCGCTCTCGTTCCC
 CCGCTCGGCTCCCTCCGCCCCCGGGGTGCGTAGTCCACGATGCCGCGGGGCCCTGCCTCGCTGCTGT
 GCTAGTCTCGCTCGCACTGCTGCCTGGGCTCGGCGCGTGGGCTTCTCTTCGGCCAGCCCGACTTC
 TCCTACAAGCGCAGCAACTGCAAGCCATCCCCGCCAACCTGCAGCTGTGCCACGGCAGTACCAGA
 ACATGCGGCTGCCAACCTGCTGGGCCACGAGACCATGAAGGAGTGTGGAGCAGGCGGGCCGCTGGAT
 TCCGCTGGTCATGAAGCAGTGCCACCCGGACACCAAGAAGTTCCTGTGCTCGCTCTCGCCCTGTCTGT
 CTCGACGACCTAGATGAGACCATCCAGCCGTGTAAGTCTCGCTCTCGTGCAGGTGAAGGACCGCTGCGCC
 CGGTATGTCCGCTTCGGCTTCCCTGGCCAGACATGCTGGAGTGCACCGTTTCCCGCAGGACAACGA
 CCTCTGCATCCCCCTCGCTAGTAGCACCCTCTGCCGGCCACAGAGGAAGCTCCCAAGTGTGTGAA
 GCCTGCAAAACCAAGAATGAGGACGACAACGACATCATGGAAACCCTTTGAAAAATGACTTCGCACTGA
 AAATCAAAGTGAAGGAGATAACGTACATCAACAGAGACACCAAGATCATCTGGAGACAAAGAGCAAGAC
 CATTACAAGCTGAACGGCGTGTCCGAAAGGGACCTGAAGAAATCCGTGTGTGGCTCAAAGACAGCCTG
 CAGTGCACCTGTGAGGAGATGAACGACATCAACGCTCCGTATCTGGTCATGGGACAGAAGCAGGGCGGG
 AGCTGGTGATCACTCCGTGAAACGGTGGCAGAAGGGCCAGAGAGAGTCAAGCGCATCTCCCGCAGCAT
 CCGCAAGCTGCAATGCTAGTTTCCAGTGGGGTGGCTTCTCTCCATCCAGGCCCTGAGCTCTGTAGACCA
 CTTCCGCTCCGCGACCTCATTTCCGGTTTCCCAAGCACAGTCCGGGAAAGCTACAGCCCCAGCTTGGAGC
 CGCTTGCCTGCCTCCTGCATGTGTATCCCTAACATGTCTGAGTTATAAGGCCCTAGGAGGCCCTGG
 AAACCCATAGCTGTTTTACGGAAGCGAAAAGCCATCCAGATCTTGTACAAATATTCAAATAATAAA
 ATCATGACTATTTTTATGAAGTTTTAGAACAGCTCGTTTTAAGGTTAGTTTTGAATAGCTGTAGTACTTT
 GACCCGAGGGGCATTTCTCTTTGGTCAGTCTGTTGGCTTATACCGTGCACCTAGGTTGCCATGTCAG
 GCGAATTGTTTTTTTTTTTTTTTTTTTTTCCCTCTGTTGCTAAGCTTGTGGTCCAGACTTGTGTTGAG
 ATAAAGCTGGCTGTTATCTCAAAGTCTTCTCAGTTCAGCTGAGAATCGGCATCTAAGTCTTCAAACA
 TTTCTGTTGCTGTTTTATGCCCTCATGAGCTCTGACCATTGCATGCGTTCATCCAGCTACAGAACTT
 CAGTTTATAAGCACACAGTAACCATTCTCATTGCATGATCCCCTCAAATAAAAAGTGAATACAGCTAT
 AAATTGACGAGTATTTAAGCTTTGTTAAAACATCTTTTAATTCAATTTTTTAATCATTTTTTTTGCAA
 CTAATCATTGTAGCTTACCTGTAATATACGTAGTGTGACCTGAAAAGTTGTAAAAATATTGCTTTA
 ACCGACTGTAAATATTTAGATAAACATTATTTCTTTGTATATAAACTTTACATCTTGTGTACCTA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009144

Insert Size: 888 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [BC014722](#), [AAH14722](#)

RefSeq Size: 1974 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]