

Product datasheet for MC209986

Sfrp5 (NM_018780) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Sfrp5 (NM_018780) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sfrp5 |
| Synonyms: | AI605071; SARP3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC209986 representing NM_018780 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGTGGCCTGGAGCGCACGGACGGCCGCACTGGCGTTGCTGCTCGGGGCGCTGCATGGGGCGCCAA
 CACGCGGCCAGGAGTACGACTACTACGGTTGGCAGGCCGAGCCGCTGCACGGCCGCTCCTACTCCAAGCC
 ACCGCAGTGCCTCGACATCCCCGCCGATCTGCCGCTCTGTACACGGTGGGCTACAAGCGCATGCGGCTG
 CCCAACCTGCTGGAGCACGAGAGCCTGGCCGAGGTGAAGCAGCAGGCAAGCAGCTGGCTGCCACTGCTGG
 CCAAGCGCTGCCACTCAGACACCCAGGTCTTCTCTGCTCGCTCTTCGCTCCCGTCTGCCTGGACCGACC
 CATCTACCCCTGCCGCTCGCTGTGCAAGCCGTGCGCGCCGGCTGCGCTCCGCTCATGGAGGCCTACGGT
 TTCCCTTGGCCCCGAGATGCTGCACTGCCACAAGTTCCTCTGGACAACGACCTCTGCATCGCGGTGCACT
 TCGGGCACCTGCCTGCCACCGCGCTCCAGTGACCAAGATCTGTGCCAGTGTGAGATGGAGCACAGCGC
 TGATGGCCTCATGGAACAGATGTGCTCCAGTGACTTTGTGGTCAAGATGCGCATTAAAGGAGATCAAGATA
 GACAACGGGGACCGAAAGTTGATTGGAGCCCAGAAGAAGAAGCTGCTCAAGGCAGGCCCTTAAAGC
 GCAAGGACACCAAGAAGCTGGTCCTGCATATGAAGAACGGGGCAAGCTGCCCTTGCCACAGTTAGACAA
 CCTGACGGGCAGCTTCTGGTTCATGGGCCGAAAGTAGAGGGACAGCTGCTGCTCACGGCCGTCTACCGC
 TGGGACAAGAAGAATAAGGAGATGAAGTTGCAGTCAAATTCATGTTCTCCTATCCCTGTTCCCTCTACT
 ACCCTTTTTTCTATGGGCGAGCTGAACCCCACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

| | |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN: | NM_018780 |


[View online »](#)

| | |
|-------------------------------|--|
| Insert Size: | 945 bp |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| 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: | <ol style="list-style-type: none"> 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. |
| Note: | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq: | NM_018780.3 , NP_061250.2 |
| RefSeq Size: | 1900 bp |
| RefSeq ORF: | 945 bp |
| Locus ID: | 54612 |
| UniProt ID: | Q9WU66 |
| Cytogenetics: | 19 C3 |
| 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. SFRP5 may be involved in determining the polarity of photoreceptor, and perhaps, other cells in the retina.[UniProtKB/Swiss-Prot Function] |