

Product datasheet for SC322254

SFRP2 (NM_003013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRP2 (NM_003013) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRP2
Synonyms:	FRP-2; SARP1; SDF-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322254
 CCGGGTCGGAGCCCCCGAGCTGCGCGGGCTTGCAGCGCCTCGCCCCGCTGTCTCT
 CCGGTGTCCCGCTTCTCCGCGCCCCAGCCGCGGCTGCCAGCTTTTCGGGGCCCCGAGTC
 GCACCCAGCGAAGAGAGCGGGCCCCGGGACAAGCTCGAACTCCGGCCGCTCGCCCTTCCC
 CGGCTCCGCTCCCTCTGCCCCCTCGGGTTCGCGCGCCACGATGCTGCAGGGCCCTGGCT
 CGCTGCTGCTGCTTCTCTCGCCTCGCACTGCTGCCTGGGCTCGGCGCGGGGCTTCTCC
 TCTTTGGCCAGCCGACTTCTCTACAAGCGCAGCAATTGCAAGCCCATCCCGGTCAACC
 TGCAGTGTGCCACGGCATCGAATACCAGAACATGCGGCTGCCAACCTGCTGGGCCACG
 AGACCATGAAGGAGGTGCTGGAGCAGGCCGGCGCTTGGATCCCGCTGGTCATGAAGCAGT
 GCCACCCGGACACCAAGAAGTTCCTGTGCTCGCTCTTCGCCCCCGTCTGCCTCGATGACC
 TAGACGAGACCATCCAGCCATGCCACTCGCTCTGCGTGCAGGTGAAGACCGCTGCGCCC
 CGGTCATGTCCGCTTCCGCTTCCCCTGGCCCCGACATGCTTGAGTGCACCGTTTTCCCCC
 AGGACAACGACCTTTGCATCCCCCTCGCTAGCAGCGACCACCTCCTGCCAGCCACCGAGG
 AAGCTCCAAAGGTATGTGAAGCCTGCAAAAAATAAAATGATGATGACAACGACATAATGG
 AAACGCTTTGTAAAAATGATTTTGCAGTAAAAATAAAGTGAAGGAGATAACCTACATCA
 ACCGAGATACCAAAATCATCCTGGAGACCAAGAGCAAGACCATTTACAAGCTGAACGGTG
 TGTCCGAAAGGGACCTGAAGAAATCGGTGCTGTGGCTCAAAGACAGCTTGCAGTGCACCT
 GTGAGGAGATGAACGACATCAACGCGCCCTATCTGGTCATGGGACAGAAACAGGGTGGGG
 AGCTGGTATCACCTCGGTGAAGCGGTGGCAGAAGGGGACAGAGAGTTCAAGCGCATCT
 CCCGACGATCCGCAAGCTGCAGTGTAGTCCCGCATCCTGATGGCTCCGACAGGCCTG
 CTCCAGAGCAGGCTGACCATTCTGCTCCGGATCTCAGCTCCCGTTCCCAAGCACAC
 TCCTAGTGTCCAGTCTCAGCCTGGGACGCTTCCCCCTGCCTTTTGCACGTTTGCATCC
 CCAGCATTTCTGAGTTATAAGGCCACAGGAGTGGATAGCTGTTTTACCTAAAGGAAAA
 GCCCACCGAATCTGTAGAAATATTCAAATAATAAAATCATGAATATTTTTATGAAGT
 TTAATAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_003013
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_003013.2</u> , <u>NP_003004.1</u>
RefSeq Size:	2005 bp
RefSeq ORF:	888 bp
Locus ID:	6423
UniProt ID:	<u>Q96HF1</u>
Cytogenetics:	4q31.3
Protein Families:	Secreted Protein
Protein Pathways:	Wnt signaling pathway
Gene Summary:	This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. [provided by RefSeq, Jul 2008]