

Product datasheet for **SC123118**

SIRPG (NM_080816) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SIRPG (NM_080816) Human Untagged Clone
Tag: Tag Free
Symbol: SIRPG
Synonyms: bA77C3.1; CD172g; SIRP-B2; SIRPB2; SIRPgamma
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_080816 edited
 AGAACAGACGTTTGAACAGAGCAGGCTTCTGAGGTCTCCAAAATGCCTGTCCCAGCCTCC
 TGGCCCCATCCTCCTGGTCTTTCTGCTTCTGACTCTACTGCTGGGACTTACAGAAGTG
 GCAGGTGAGGAGGAGCTACAGATGATTCAGCCTGAGAAGCTCCTGTTGGTCACAGTTGGA
 AAGACAGCCACTCTGCACTGCACTGTGACCTCCCTGCTTCCCGTGGGACCCGTCCTGTGG
 TTCAGAGGAGTTGGACCAGGCCGAGAATTAATCTACAATCAAAAAGAAGGCCACTTCCCC
 AGGGTAACAACAGTTTCAGACCTCACAAAGAGAAAACAACATGGACTTTTCCATCCGCATC
 AGTAGCATCACCCAGCAGATGTCGGCACATACTACTGTGTGAAGTTTCGAAAAGGGAGC
 CCTGAGAACGTGGAGTTAAGTCTGGACCAGGCACTGAGATGGCTTTGGGTGGCCCGGCA
 TCATCTTACTGCGTCTCCTCATAGCTGTCCTCCTGGGCCCATCTATGTCCCCTGG
 AAGCAGAAGACCTGACTCTCCTTCTCCTCCCTGCCACGTGGGACCCCTCATCTCTGCT
 GCCTCCTTCTTTCTGAGAGGCTCAGCTTGAGAGAATGAGCCAGTGAGAAGCTTCTCTA
 GACTTGGCTCCAAACATCTCCCCCTCCAAGACATCTGCCTGCCACAGGCTCCTGTTGCT
 CCTTCACACAGACCTGGATGCCCCAGAGCAAGGTCTTCATTATGGTCTGAGCAGGGGC
 CATGGGATTGGGCTCTGGGCACTGACTTAACGGCACCTCCCTAGAAGGCGAGAAACATGC
 CAAATCTAAACACACCAGGACTCCCATCCATCGCTTGAGACTGACCGTAAACCACAGAC
 GCTCTCCAGGTTCTCAAGAGTTATCCTGCCTTCCAGATTCTGCCTATCCCAACTCCCCA
 GCCTTGTGAGGTTCTCTATTGCCTCTTGAATACAAATGCACTCCCAAAGTGGTTTTAAG
 AAAATAAAAAGATTATCCTTCCAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080816 unedited NAAGCTCCCAATTTGTAATACGACTCACTATAGGGACAGGCCGCGNAATTCAGGCCATTA CAGGCCGGGNAGAACATACGTTTGAACAGAGCAGGCTTCTGAGGTCTCCAAAATGCCTG TCCCAGCTCCTGGCCCCATCCTCCTGGTCCTTTCCTGCTTCTGACTCTACTGCTGGGAC TTACAGAAAGTGGCAGGTGAGGAGGAGCTACAGATGATTCAGCCTGAGAAGCTCCTGTTGG TCACAGTTGAAAAGACAGCCACTCTGCACTGCACTGTGACCTCCCTGCTTCCCCTGGGAC CCGTCCGTGGTTTCAGAGGAGTTGGACCAGGCCGAGAATTAATCTACAATCAAAAAGAAG GCCACTTCCCAGGGTAAACAACAGTTTCAGACCTCACAAGAGAAAACAACATGGACTTTT CCATCCGCATCAGTAGCATCACCCAGCAGATGTCGGCACATACTACTGTGTGAAGTTTC GAAAAGGGAGCCCTGAGAACGTGGAGTTTAAGTCTGGACCAGGCACTGAGATGGCTTTGG GTGGCCCCGCATCATCTTACTGCGCTGCTCCTCATAGCTGTCTCCTGGGCCCATCT ATGTCCCCTGGAAGCAGAAGACCTGACTCTCCTTCTCCTCCCCTGCCACGTGGGACCC TCATCTCTGCTGCCTCCTTCTTCTGAGAGGCTCAGCTTGAGAGAATGAGCCAGTGAG AAGCTTCTAGACTTGGCTCCAACATCTCCCCTCCAAGACATCTGCCTGCCACAGG CTCTGTGCTCCTTACACAGACTGGATGCCCCAGAGCAAGGTCTTCATTCATGGTCC TGAGCANGGGCCATGGGATTGGGCTCTGNCACACTGACTTTACGCACCTCCCTAGAAGCGA GAACATGCAAATCTANACACCAGACTCCATCC
Restriction Sites:	Please inquire
ACCN:	NM_080816
Insert Size:	1071 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:	<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:	NM_080816.1 , NP_543006.1
RefSeq Size:	1044 bp
RefSeq ORF:	414 bp
Locus ID:	55423
UniProt ID:	Q9P1W8
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

The protein encoded by this gene is a member of the signal-regulatory protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (2) lacks two internal segments within the coding region but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.