

Product datasheet for **SC310885**

SIRPG (NM_001039508) Human Untagged Clone

Product data:

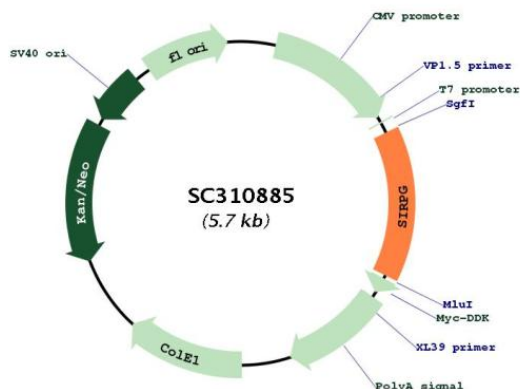
Product Type:	Expression Plasmids
Product Name:	SIRPG (NM_001039508) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIRPG
Synonyms:	bA77C3.1; CD172g; SIRP-B2; SIRPB2; SIRPgamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310885 representing NM_001039508. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTGTCCCAGCCTCCTGGCCCCATCCTCCTGGTCCTTTCCTGCTTCTGACTCTACTGCTGGACTT
ACAGAAGTGGCAGGTGAGGAGGAGCTACAGATGATTCAGCCTGAGAAGCTCCTGTTGGTCACAGTTGGA
AAGACAGCCACTCTGCACTGCACTGTGACCTCCCTGCTTCCCGTGGGACCCGTCTGTGGTTCAGAGGA
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GACCTCACAAGAGAAACAACATGGACTTTTCCATCCGCATCAGTAGCATCACCCAGCAGATGTCGGC
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GAGATGGCTTTGGGTGCCAAACCCTCTGCCCCCGTGGTATTGGGCCCTGCGGCGAGGACCACACCTGAG
CATACAGTGAGTTTCACCTGTGAGTCCCATGGCTTCTCTCCCAGAGACATCACCCGAAATGGTTCAAA
AATGGGAATGAGCTCTCAGACTTCCAGACCAACGTGGACCCACAGGACAGAGTGTGGCCTACAGCATC
CGCAGCACAGCCAGGGTGGTACTGGACCCCTGGGACGTTTCGCTCTCAGGTCATCTGCGAGGTGGCCAT
GTCACCTTGCAGGGGGACCCTCTTCGTGGGACTGCCAACTGTCTGAGGCCATCCGAGGCCCGGCATCA
TCCCTTACTGCGCTGCTCCTCATAGCTGTCTCCTCTGGGCCCATCTACGTCCCCTGGAAGCAGAAGACC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001039508

Insert Size: 831 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).

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:

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_001039508.1](#)

RefSeq Size: 1387 bp

RefSeq ORF: 831 bp

Locus ID: 55423

UniProt ID: [Q9P1W8](#)

Cytogenetics: 20p13

Protein Families: Druggable Genome, Transmembrane

MW: 30 kDa

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 (3) lacks an internal segment within the coding region but maintains the reading frame, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.