

Product datasheet for **SC316041**

SIRPB1 (NM_001083910) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIRPB1 (NM_001083910) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIRPB1
Synonyms:	CD172b; SIRP-BETA-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_001083910 edited
 TCCCAGCACAGACGTTTGGACAGAGCAGGCTCCTAAGGTCTCCAGAATGCCCGTGCCAGC
 CTCCTGGCCCCACCTTCTAGTCCTTTCTGCTGATGACGCTACTGCTGGGGAGACTCAC
 AGGAGTGGCAGGTGAGGACGAGCTACAGGTGATTCAGCCTGAAAAGTCCGTATCAGTTGC
 AGCTGGAGAGTCGGCCACTCTGCGCTGTGCTATGACGTCCTGATCCCTGTGGGGCCCAT
 CATGTGGTTTAGAGGAGCTGGAGCAGGCCGGAATTAATCTACAATCAGAAAAGAAGGCCA
 CTTCCCACGGGTAACTACTGTTTCAGAACTCACAAGAGAAAACAACCTGGACTTTTCCAT
 CAGCATCAGTAACATCACCCCAGCAGACCGGCACCTACTACTGTGTGAAGTCCCGGAA
 AGGGAGCCCTGACGACGTGGAGTTTAAGTCTGGAGCAGGCACTGAGCTGTCTGTGCGCGA
 ACCAGCGCTGGCTCCTACTGCTCCACTCCTCGTAGCTCTCCTCCTGGGCCCAAGCTGCT
 ACTGGTGGTTGGTGTCTCTGCCATCTACATCTGCTGAAAACAGAAGGCCTGACTGACCT
 CAGTCTCTGCTGCCTCCTCTTTCTTGAGAAGCTCAGCCTGAGAGAAGGAGCTGGCGAGA
 ACCTTCCCACACTCAGCTCAAACGCCTCCTCTCCAGGTCATCTGCCTGCCACACGC
 TCCTGTTCCACCTTCAACAAGACCATGATGCCCCAAAGCAGTGTCTTATTACGGTCTG
 AGCAGGGGCCATGGGATTGGGCTCTGGGCACTGACTCATGGCACCTCCCTAGAAGGTGAG
 AAACACTCCAAATCTAAACACACCAGGACTTCTCCATCCGTGCGCTTGGGACTGGCCAT
 AAACCACAGACTCTCCAGGCTCTCAAGAGTTATCCTGTCTTCTGGATTCTGCCTACC
 CCAACTCCCCAGCCTTGTGAGGTTCTCTACTGCCTCCTGAATACACATGAACCCCTAT
 ACCAATTTTAAGAAAAAATGATTCTCTTTCTCTTTGTCCAAGCATCCTATCCCTCAA
 CCCAAAAAGAAAGAGCTCTCCCTTCTCTCTGTGATGGGGACAGTATTTCTTAGTA
 TCCTGCAGCCTTCCCAGTCTGCTGCTTGTGGTAGAAATGCTGCCACAGCCCAACATTGA
 GGAGCCCTCGATGACTGCCCTTACAACATCATTCAGTCTGCCTCCAAATGCATGTG
 TCCACTTACGTGAGATGGTAATGTTAACATGCTCAATGTCACCTTTCATTAAGGCACCT
 TTCTATAAACTACCTTGTATAAAATATTTATTTTCTCTATCCCGCATTCTAATTTCT
 TCTATCCTAATTAATTTTTCTTTAGCCCTTATTTTGTGAGATTATGCCGAATACAGG
 CAGCCCTCACTTTTATGGCAGTGCAAGATTGCAAAAATGACTGTGCAACCTGAAACCCA
 GGAAAGCAGTCTCCATAGTCAATCAGAAAAACAATGATCATTCTGTGACCTTTACCATT
 TTTGTCAAATATTAGAACTCTCACACTCTCAGTTACAATGTAGAGGACAATGAAAT
 ATAATGAAATAAATATTTATTTGTGCACTACAATCAAAGCATTAGAAACATTGAGAGT
 CAAGTGTGTTTTCTTTGAAAAATGTATCCAGAGTAGTTGGAAGAGTGTGCTTTTTT
 TGTATATTTCTAATATGGAGTGATATAGTTTGGCTCTGTGTCTCCATCCAAATCTCATCT
 TAAATTGTAATCTGCATGTGTTGTGGGATGGGCCTGGTAGGAGGTGACTGAATCATGGGG
 GCGGACTTCCCCCTTGTCTTGTGATAGTGAGTTCTCATAAGATCTCAGTGAGTTCT
 CATGAGATCTGGTTTTTGAAGTGTGTGGCAAGTCCCCCTTCGCTCTCTCTCTCTCT
 CCCTCCTGCCACCATGTGAAGAAGGTGCCTGCTTCTTTTCTCTTCCACCATGGTTGTA
 AGTTTCTGAGGCCTCCAGTCATGCTTCTGTAAAGCCTGTGGAAGTGTGAGTCCAATT
 AAACCTCTTTTATTCATAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001083910

Insert Size: 2100 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: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001083910.1.

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_001083910.1</u> , <u>NP_001077379.1</u>
RefSeq Size:	1762 bp
RefSeq ORF:	546 bp
Locus ID:	10326
UniProt ID:	<u>O00241</u>
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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. This protein was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009]</p> <p>Transcript Variant: This variant (2) lacks two in-frame coding exons in the 3' region compared to variant 1. The resulting isoform (2) lacks an internal segment compared to isoform 1.</p>