

## Recombinant Human SIRPG Protein, Fc-tagged

**Cat. No.** SIRPG-398H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRPG, transcript variant 1, fused with Fc tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
<b>Molecular Mass</b>	63.9kD
<b>AA Sequence</b>	GEEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVG PVLWFRGVGPGRELIYNQKEGH FPRVTTVSDLTRNNMDFSIRISSITPADVGTYYCVKFRKGGSPENVEFKSGPGTEMA LGAKPSAPVVLGPAARTTPEHTVSFTCESHGFSRPDITLKWFKNGNELSDFQTNVD PTGQSVAYSIRSTARVVLDPWDVRSQVICEVAHVTLQGDPLRG TANLSEAIRVPPTL EVTQQPMRVGNQVNVTCQVRKFYPQSLQLTWS ENGNVCQRETASTLTENKDGTY NWT SWFLVNISDQRDDVVLTCQVKHDGQLAVSKRLALEVT VHQKDQSSDATPVDDI EGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKC

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KVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAV  
EWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHN  
HYTQKSLSLSPGK

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** SIRPG signal-regulatory protein gamma [ Homo sapiens ]

**Official Symbol** SIRPG

**Synonyms** SIRPG; signal-regulatory protein gamma; signal regulatory protein beta 2 , SIRPB2; bA77C3.1; CD172g; SIRP B2; SIRPgamma; SIRP-gamma; SIRP beta 2; SIRP-beta-2; CD172g antigen; signal-regulatory protein beta 2; signal-regulatory protein beta-2; CD172 antigen-like family member B; SIRPB2; SIRP-B2; FLJ42230;

**Gene ID** 55423

**mRNA Refseq** NM\_001039508

**Protein Refseq** NP\_001034597

**MIM** 605466

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