

Recombinant Human SIRPG Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SIRPG, transcript variant 1, fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	63.9kD
AA Sequence	GEEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVG PVLWFRGVGPGRELIYNQKEGH FPRVTTVSDLT KRNNMDFSIRISSITPADVGTY YCVKFRKGSPENVEFKSGPGTEMA LGAKPSAPVVLGPAARTTPEHTVSFTCESHGFS PRDITLKWFKNGNELSDFQTNVD PTGQSVAYSIRSTARVVLDPWDVRSQVICEVAHVTLQGDPLRG TANLSEAIRVPPTL EVTQQPMRVGNQVNVTCQVRKFYPQSLQLT WSENGNVCQRETASTLTENKDGTY NWT SWFLVNISDQRDDVVLTCQVKH DGQLAVSKRLALEVT 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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UniProt ID

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