

## Recombinant Human SIRPG Protein

Catalog #	Source	Reactivity	Applications
CRP2308	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human SIRPG Protein is produced by our mammalian expression system and the target gene encoding Glu29-Pro360 is expressed with a Fc tag at the C-terminus.

**Form** Lyophilized from a 0.2  $\mu$ M filtered solution of PBS, pH 7.4.

**Gene Symbol** SIRPG

**Alternative Names** SIRPB2; Signal-regulatory protein gamma; SIRP-gamma; CD172 antigen-like family member B; Signal-regulatory protein beta-2; SIRP-b2; SIRP-beta-2; CD172g

**Entrez Gene** 55423 (Human)

**SwissProt** Q9P1W8 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** EEELQMIQPE KLLLVTVGKT ATlhCTVtSL LPVGPVLWFR GVGPGRELIY NQKEGHFPRV TTVSDLTKRN NMDFSIRISS ITPADVGTYY CVKFRKGSPE NVEFKSGPGT EMALGAKPSA PVVLGPAART TPEHTVSFTC ESHGFSPRDI TLKWFKNGNE LSDFQTNVDP TGQSVAYSIR STARVVLDPW DVRSQVICEV AHVTLQGDPL RGTANLSEAI RVPPTLEVTQ QPMRVGNQVN VTCQVRKFYP QSLQLTWSEN GNVCQRETAS TLTENKDGTY NWTswflvni SDQRDDVVLt CQVKHdGQLA VSKRLALEVT VHqKdQSSDA TPVDDIEGRM DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS REEMTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT PPVLDSGGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYtQkSLsLS PGK

**Quality Control** Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Directions for Use** 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.

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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