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# SIRPG Human, Sf9

*Signal-Regulatory Protein Gamma Human Recombinant, Sf9*
*RCP2103*

## Product Overview

| | |
|---|---|
| Name | SIRPG Human, Sf9 |

**Description**

Signal-Regulatory Protein Gamma Human Recombinant, Sf9

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|---|---|
| Accession (Primary) | Q9P1W8 |

**Synonyms**

Signal Regulatory Protein Gamma, CD172 Antigen-Like Family Member B, Signal-Regulatory Protein Beta-2, Signal-Regulatory Protein Gamma, CD172g Antigen, SIRP-Gamma, SIRP-B2, SIRPB2, Signal-Regulatory Protein Beta 2, SIRP-Beta-2, SIRP Beta 2, SIRPgamma, BA77C3.1, CD172g.

**Introduction**

Signal-Regulatory Protein Gamma (SIRPG) belongs to the signal-regulatory protein (SIRP) family whose members are receptor-type transmembrane glycoproteins which negatively regulate the receptor tyrosine kinase-coupled signaling processes. SIRPG is also a part of the immunoglobulin superfamily.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

SIRPG protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 90.0% as determined by SDS-PAGE.

**Amino acid sequence**

ADP EEELQMI QPEKLLLVTV GKTATLHCTV TSLLPVGPVL WFRGVGPGRE LIYNQKEGHF PRVTTVSDLT KRNNMDFSIR ISSITPADVG TYYCVKFRKG SPENVEFKSG PGTEMALGAK PSAPVVLGPA ARTTPEHTVS FTCESHGFSP RDITLKWFKN GNELSDFQTN VDPTGQSVAY SIRSTARVVL DPWDVRSQVI CEVAHVTLQG DPLRGTANLS EAIRVPPTLE VTQQPMRVGN QVNVTCQVRK FYPQSLQLTW SENGNVCQRE TASTLTENKD

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GTYNWTSWFL VNISDQRDDV VLTCQVKHDG QLAVSKRLAL EVTVHQKDQS SDATP LEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH.

**Biological Activity**

The ED50 range ≤ 1 ug/ml and is measured by its binding ability in a functional ELISA with Human CD47.

**Precautions**

SIRPG Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q9P1W8 )