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## Datasheet for ABIN7319304 SIRPG Protein (Fc Tag)

### Overview

Quantity:	50 µg
Target:	SIRPG
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIRPG protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human SIRP gamma/CD172g Protein (Fc Tag)
Sequence:	Glu29-Pro360
Characteristics:	Recombinant Human Signal-Regulatory Protein gamma is produced by our Mammalian expression system and the target gene encoding Glu29-Pro360 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	SIRPG
Alternative Name:	SIRP gamma/CD172g ( <a href="#">SIRPG Products</a> )
Background:	Background: Signal-Regulatory Protein Gamma (SIRPG) is a member of the signal-regulatory protein (SIRP) family and also belongs to the immunoglobulin superfamily. SIRPG is detected in

## Target Details

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the liver, and at very low levels in the brain, heart, lung, pancreas, kidney, placenta, and skeletal muscle. SIRPG is an immunoglobulin-like cell surface receptor. On binding with CD47, SIRPG mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation. SIRPG as receptor-type transmembrane glycoproteins is involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes.

Synonym: Signal-Regulatory Protein Gamma, SIRP-Gamma, CD172 Antigen-Like Family Member B, Signal-Regulatory Protein Beta-2, SIRP-b2, SIRP-Beta-2, CD172g, SIRPG, SIRPB2

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Molecular Weight: 63.9 kDa

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UniProt: [Q9P1W8](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.