

Active Recombinant Human SIRPG protein, His-Avi-tagged, Low Endotoxin

Cat. No. SIRPG-918H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRPG protein(Q9P1W8-1)(29-360 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-360 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human SIRP gamma, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human CD47, hFc Tag with the EC50 of 2.46µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39.7 kDa. Due to glycosylation, the protein migrates to 45-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

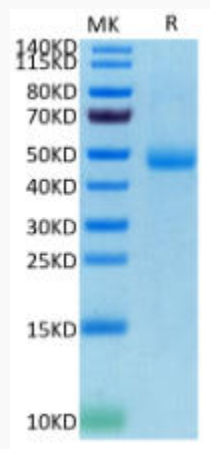
UniProt ID Q9P1W8

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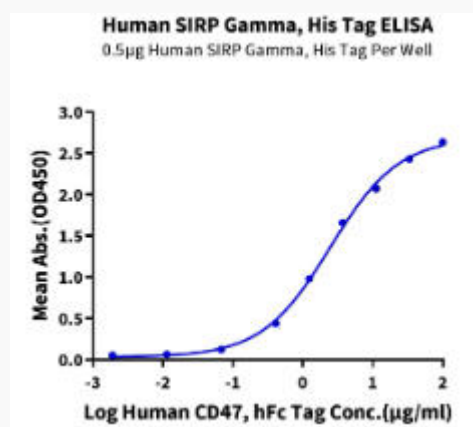
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Bis-Tris PAGE



ELISA Data



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