

Active Recombinant Human SIRPG protein, His-Avi-tagged, Biotinylated

Cat. No. SIRPG-0727H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SIRPG protein(Glu29-Ser364), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-364 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human SIRP gamma, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human CD47, Mouse IgG2a Fc Tag with a linear range of 4-31 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 40.7 kDa. The protein migrates as 48-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu29-Ser364
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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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