

Recombinant Human SIRPG Protein, Fc-tagged

Cat. No. SIRPG-447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant human SIRPG protein with Fc tag was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 387

Description The protein encoded by this gene is a member of the signal-regulatory protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Alternatively spliced transcript variants encoding different isoforms have been described.

Form Lyophilized

Molecular Mass 63.7 kDa

AA Sequence

MPVPASWPHPPGPFLLLTLGLTEVAGEEELQMIQPEKLLLVTVGKTATLHCTVTSL
 LPVGPVLWFRGVGPGRELIYNQKEGHFPRVTTVSDLTKRNNMDFSIRISSITPADVG
 TYYCVKFRKGSPEVFEKSGPGTEALGAKPSAPVVLGPAARTTPEHTVSFTCESH
 GFSPRDITLKWFKNGNELSDFQTNVDPTGQSVAYSIRSTARVVLDPWDVRSQVICE
 VAHVTLQGDPLRGTANLSEAIRVPPTLEVTQQPMRVGNQVNVTCQVRKFYPQSLQL
 TWSENGNVCQRETASTLTENKDGTYNWTWFLVNIQDQRDDVLTCCQVKHHDGQLA
 VSKRLALEVTVHQDKQSSDATPGPASSLTALLLIAVLLGPIYVPWKQKT

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	SIRPG signal-regulatory protein gamma [Homo sapiens (human)]
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

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mRNA Refseq	NM_001039508
Protein Refseq	NP_001034597
MIM	605466
UniProt ID	Q9P1W8

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