

Recombinant Human SIRPG Protein (29-360 aa), His-tagged

Cat. No. SIRPG-2076H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIRPG Protein (29-360 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	29-360 aa
Description	Probable immunoglobulin-like cell surface receptor. On binding with CD47, 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	38.8 kDa
AA Sequence	EEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVGPVLWFRGVGPGRELIYNQKEGHF PRVTTVSDLTKRNNMDFSIRISSITPADVGTYCYVKFRKGSPENVEFKSGPGTEMAL GAKPSAPVVLGPAARTTPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDP TGQSVAYSIRSTARVVLDPWDVRSQVICEVAHVTLQGDPLRGTTANLSEAIRVPPTLE VTQQPMRVGNQVNVTCQVRKFYPQSLQLTWSNGNVCQRETASTLTENKDGTYN WTSWFLVNISDQRDDVVLTCQVKHGDGQLAVSKRLALEVTVHQKQSSDATP

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	SIRPG signal-regulatory protein gamma [Homo sapiens]
Official Symbol	SIRPG
Synonyms	SIRPG; bA77C3.1; CD172g; SIRP B2; SIRPgamma; SIRP-gamma; SIRP beta 2; SIRP-beta-2; CD172g antigen; SIRPB2; SIRP-B2; FLJ42230;
Gene ID	55423
mRNA Refseq	NM_001039508
Protein Refseq	NP_001034597
MIM	605466
UniProt ID	Q9P1W8

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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