

## SIRP gamma Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78210
Synonyms:	CD172g; FLJ42230; SIRP beta 2; SIRP gamma; SIRP-B2; SIRPG; Cripto-1; bA77C3.1; SIRP $\beta$ 2
Species:	Human
Source:	HEK293
Accession:	Q9P1W8 (E29-P360)
Gene ID:	55423
Molecular Weight:	48-53 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 $\mu$ m filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The SIRP gamma protein emerges as a probable immunoglobulin-like cell surface receptor, demonstrating its role in mediating cell-cell adhesion upon binding with CD47. This interaction is pivotal in enhancing antigen-specific T-cell proliferation and providing costimulatory signals for T-cell activation. As a result, SIRP gamma engages with CD47 on antigen-presenting cells, highlighting its involvement in modulating immune responses. The intricate interactions between SIRP gamma and CD47 underscore its significance as a cell surface receptor, playing a crucial role in cellular adhesion and the regulation of T-cell activation pathways.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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