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Datasheet for ABIN7319832  
**SIRPb2 Protein (Fc Tag)**

1 Image

Overview

Quantity:	50 µg
Target:	SIRPb2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIRPb2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human SIRPB2 (C-Fc)
Sequence:	Gln33-Gly287
Characteristics:	Recombinant Human Signal-regulatory Protein Beta-2 is produced by our Mammalian expression system and the target gene encoding Gln33-Gly287 is expressed with a Fc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SIRPb2
Alternative Name:	SIRPB2 ( <a href="#">SIRPb2 Products</a> )
Background:	Background: Signal-regulatory protein beta-2(SIRP-beta-2), is a monomeric single pass type I membrane glycoprotein, belongs to the SIRP/SHPS (CD172) family of the immunoglobulin (Ig)

## Target Details

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superfamily. The SIRP family are paired receptors that have similar extracellular domains but differing C-terminal domains and functions. A positively charged residue within the transmembrane domain, in analogy to SIRP-beta-1, is implicated to mediate interaction with the adaptor DAP12 protein, which contains immunoreceptor tyrosine-based activation motifs (ITAMs). Proteins in the SIRP family are typically expressed in immune cells, especially in the myeloid lineages. Based on expression patterns, SIRPs are thought to have roles in immune regulation. SIRP family members role in innate immunity and host defense has potential significance as a therapeutic target in cancer and inflammation. There are currently no known mouse or rat homologs for this protein.

Synonym: dJ776F14.2, PTPN1L, PTPNS1L3, Signal-Regulatory Protein Beta 2, Signal-Regulatory Protein Beta-2, SIRP beta 2, SIRP-beta-2, SIRPG

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Molecular Weight: 55.2 kDa

UniProt: [Q5JXA9](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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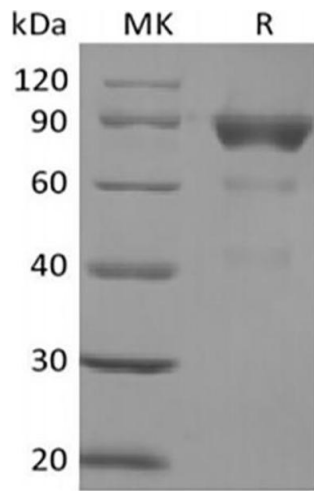
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



### Western Blotting

Image 1.