

## Recombinant Human SIRPB1 protein, His-tagged

Cat. No. SIRPB1-5658H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRPB1 aa. (Ser127~Gly356) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser127~Gly356
<b>Description</b>	<p>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. This protein was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	32kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%

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<b>Characteristic</b>	The isoelectric point is 6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Concentration</b>	200µg/mL
<b>Storage buffer</b>	100mM NaHCO <sub>3</sub> , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 100mM NaHCO <sub>3</sub> , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	SIRPB1 signal regulatory protein beta 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SIRPB1
<b>Synonyms</b>	SIRPB1; signal regulatory protein beta 1; CD172b; SIRP-BETA-1; signal-regulatory protein beta-1; CD172 antigen-like family member B
<b>Gene ID</b>	10326

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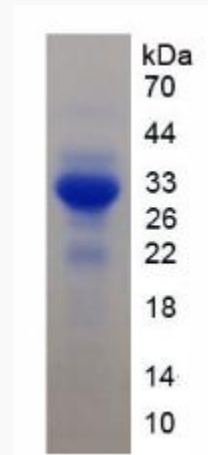
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mRNA Refseq [NM\\_001083910.3](#)

Protein Refseq [NP\\_001077379.1](#)

UniProt ID [O00241](#)

SDS-PAGE



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