

## Recombinant Rat Sirpa protein, His & T7-tagged

Cat. No. Sirpa-5668R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Sirpa aa. (Asp116~Asp308 (Accession # P97710)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp116~Asp308
<b>Description</b>	Plays a role in macrophage fusion.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.0kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<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,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Sirpa signal-regulatory protein alpha \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Sirpa](#)

**Synonyms**

Sirpa; signal-regulatory protein alpha; Bit; Ptpns1; SHPS-1; tyrosine-protein phosphatase non-receptor type substrate 1; Brain immunoglobulin like protein with tyrosine - based activation motifs; CD172 antigen-like family member A; Protein tyrosine phosphatase, non-receptor type substrate 1 (SHP substrate 1); SHP substrate 1; brain Ig-like molecule with tyrosine-based activation motifs; inhibitory receptor SHPS-1; macrophage fusion receptor; macrophage membrane protein MFP150; signal-regulatory protein alpha-1; sirp-alpha-1

**Gene ID**

[25528](#)

**mRNA Refseq**

[NM\\_013016.2](#)

**Protein Refseq**

[NP\\_037148.2](#)

**UniProt ID**

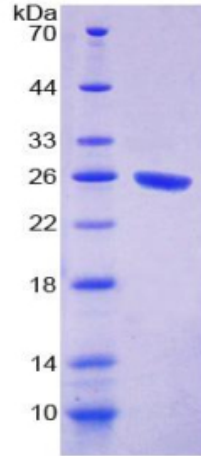
[P97710](#)

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**SDS-PAGE**



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