

Recombinant Rat Sirpa protein, His & T7-tagged

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

SPECIFICATION

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

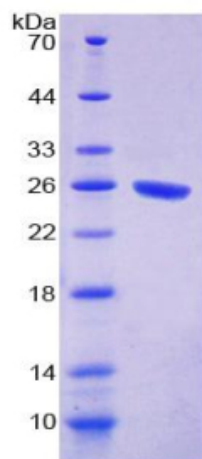
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SDS-PAGE



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