

## Recombinant Human SIRPA protein, GST-tagged

Cat. No. SIRPA-1847H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRPA protein(158-508 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	158-508 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	ARATPQHTVSFTCESHGFSRPDITLKWFKNGNELSDFQTNVDPVGESVSYSIHSTAK VVLTRDVDHSQVICEVAHVTLQGDPLRGTANLSETIRVPPTLEVTQQPVRAENQVNV TCQVRKFYPQRLQLTWLENGNVSRTETASTVTENKDGTYNWMSWLLVNVSAHRDD VKLTCQVEHDGQPAVSKSHDLKVS AHPKEQGSNTAAENTGSNERNIYIVVGVVCTLL VALLMAALYLVRIRQKKAQGSTSSTRLHEPEKNAREITQVQSLDTNDITYADLNLPKG KKPAPQAAEPNNHTEYASIQTSPQPASEDTLTYADLDMVHLNRTPKQPAPKPEPSF SEYASVQVPRK
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

SIRPA signal-regulatory protein alpha [ Homo sapiens ]

**Official Symbol**

SIRPA

**Synonyms**

SIRPA; signal-regulatory protein alpha; protein tyrosine phosphatase, non receptor type substrate 1 , PTPNS1; tyrosine-protein phosphatase non-receptor type substrate 1; BIT; CD172a; MFR; MYD 1; P84; SHPS 1; SHPS1; SIRP; SIRP ALPHA 1; SIRPalpha; SIRPalpha2; myd-1 antigen; inhibitory receptor SHPS-1; macrophage fusion receptor; CD172 antigen-like family member A; tyrosine phosphatase SHP substrate 1; brain-immunoglobulin-like molecule with tyrosine-based activation motifs; MYD-1; CD172A; PTPNS1;

**Gene ID**

140885

**mRNA Refseq**

NM\_001040022

**Protein Refseq**

NP\_001035111

**MIM**

602461

**UniProt ID**

P78324

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