

## Recombinant Human SIRPA protein, His-SUMO-tagged

Cat. No. SIRPA-3493H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIRPA protein(P78324)(31-373aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	31-373aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	53.7 kDa
<b>AA Sequence</b>	EEELQVIQPDKSVLVAAGETATLRCTATSLIPVGPIQWFRGAGPGRELIYNQKEGHFP RVTTVSDLTKRNNMDFSIRIGNITPADAGTYICVKFRKGGSPDDVEFKSGAGTELSVR AKPSAPVVSGPAARATPQHTVSFTCESHGFSRPDITLKWFKNGNELSDFQTNVDPV GESVSYSIHSTAKVVLTRDVDHSQVICEVAHVTLQGDPLRGTANLSETIRVPPTLEVT QQPVRAENQVNVTCQVRKFYPQRLQLTWLENGNVSRRTETASTVTENKDGTYNWM SWLLVNVSAHRDDVKLTCQVEHDGQPAVSKSHDLKVS AHPKEQGSNTAAENTGSN ERNIY
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## 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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