

Recombinant Human SIRPA protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SIRPA protein(158-508 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	158-508 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	ARATPQHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPVGESVSYSIHSTAK VVLTREDVHSQVICEVAHVTLQGDPLRGTTANLSETIRVPPTLEVTQQPVRAENQVNV TCQVRKFYPQRLQLTWLENGNVSRTEASTVTENKDGTYNWMWLLVNVSAHRDD VKLTCQVEHDGQPAVSKSHDLKVSAPKEQGSNTAAENTGSNERNIYVVGVCVCTLL VALLMAALYLVRIKQKKAQGSTSSTRLHEPEKNAREITQVQSLDTNDITYADLNLPKG KKPAPQAAEPNNHTEYASIQTSPPASEDTLTYADLDMVHLNRTPKQPAPKPEPSF SEYASVQVPRK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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