

Active Recombinant Human SIRPA protein, His-tagged, Low Endotoxin

Cat. No. SIRPA-3218H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Low Endotoxin Active Recombinant Human SIRPA protein(P78324-1)(Glu31-Arg370) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	31-370 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human SIRP alpha, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human CD47, hFc Tag with the EC50 of 5.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 38.1 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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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