

Active Recombinant Mouse SIRPA Protein, His-tagged, Site-specific PE-Labeled

Cat. No. SIRPA-4671M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Site-specific PE-Labeled Active Recombinant Mouse SIRPA Protein(P97797-1)(Lys 32 - Asn 373), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Lys 32 - Asn 373
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.
Bio-activity	5e5 of overexpressing mouse CD47 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of PE-Labeled Mouse SIRP alpha, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.
Molecular Mass	The protein has a calculated MW of 41.5 kDa.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 6 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Sirpa signal-regulatory protein alpha \[Mus musculus \]](#)

Official Symbol [SIRPA](#)

Synonyms SIRPA; signal-regulatory protein alpha; tyrosine-protein phosphatase non-receptor type substrate 1; mSIRP-alpha1; sirp-alpha-1; myD-1 antigen; SHP substrate 1; inhibitory receptor SHPS-1; signal-regulatory protein alpha-1; CD172 antigen-like family member A; brain immunological-like with tyrosine-based motifs; protein tyrosine phosphatase, non-receptor type substrate 1; brain Ig-like molecule with tyrosine-based activation motifs; Bit; P84; SIRP; SHP-1; CD172a; Ptpns1; SHPS-1; AI835480;

Gene ID [19261](#)

mRNA Refseq [NM_001177646](#)

Protein Refseq [NP_001171117](#)

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