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

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

## SPECIFICATION

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| **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.<br>This product is stable after storage at:<br>-20°C to -70°C for 12 months in lyophilized state;<br>-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

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| **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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