# Recombinant Human SIRPA protein(Met1-Arg369), His-tagged, Biotinylated

**Cat. No.** SIRPA-1372H **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Biotinylated Recombinant Human SIRP alphaV2 (AAH38510.1) (Met1-Arg369) was expressed in HEK293 with a polyhistidine tag at the C-terminus. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Arg369 |
| **Conjugation/Label** | Biotin |
| **Form** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant Human SIRP alphaV2 consists of 350 amino acids and predicts a molecular mass of 38.6 kDa. As a result of glycosylation, it migRates as an approximately 45-55 kDa band in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE. |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **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. |
| **Conjugation** | Biotin |

## 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 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA