

# Recombinant Human SIRPA Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** SIRPA-3218HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 647 conjugated recombinant human SIRPA (NP_542970.1) extracellular domain (Met 1-Arg 370), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 351                                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant human SIRPA consists of 351 amino acids and predicts a molecular mass of 39 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSIRPA is approximately 45-50 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                    |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                               |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                                  |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4                                                                                                                                      |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | Alexa Fluor 647                                                                                                                                                           |

## GENE INFORMATION

|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">SIRPA signal-regulatory protein alpha [ Homo sapiens ]</a> |
| <b>Official Symbol</b> | <a href="#">SIRPA</a>                                                  |
| <b>Gene ID</b>         | <a href="#">140885</a>                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_001040022</a>                                           |
| <b>Protein Refseq</b>  | <a href="#">NP_001035111</a>                                           |
| <b>MIM</b>             | <a href="#">602461</a>                                                 |
| <b>UniProt ID</b>      | <a href="#">P78324</a>                                                 |

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