

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

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

SPECIFICATION

Product Overview 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.

Species Human

Source HEK293

ProteinLength 351

Form Lyophilized

Molecular Mass 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.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 647 via amines
Excitation = 650 nm
Emission = 668 nm

Stability Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	SIRPA signal-regulatory protein alpha [Homo sapiens]
Official Symbol	SIRPA
Gene ID	140885
mRNA Refseq	NM_001040022
Protein Refseq	NP_001035111
MIM	602461
UniProt ID	P78324

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