Recombinant Rat Sirpa Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. Sirpa-23RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Rat Sirpa (P97710) (Met1-Asn373), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	353
Form	Lyophilized
Molecular Mass	The recombinant rat SIRPA comprises 353 amino acids and predicts a molecular mass of 39 kDa. The apparent molecular mass of the recombinant protein is approximately 63-80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	Lys 32
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer

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

	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.
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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
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 [Rattus norvegicus]
Official Symbol	Sirpa
Gene ID	25528
mRNA Refseq	NM_013016
Protein Refseq	NP_037148

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