

Active Recombinant Cynomolgus SIRPA protein, Fc-tagged

Cat. No. SIRPA-0703C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus SIRPA protein(Glu31-Asn370), fused with Fc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	31-370 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus / Rhesus macaque CD47, His Tag at 2 µg/mL (100 µL/well) can bind Cynomolgus SIRP alpha, Fc Tag with a linear range of 0.01-0.3 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 63.6 kDa. The protein migrates as 70-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu31-Asn370
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. 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.

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