

Recombinant Cynomolgus SIRPA protein(Met1-Tyr372), His-tagged

Cat. No. SIRPA-1158C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus SIRPA (XP_015313153.1) (Met1-Tyr372) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Tyr372
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized cynoSIRPAh at 10 µg/mL (100 µL/well) can bind CD47-Fc, the EC50 of CD47-Fc is 3.0-10.0 ng/mL.
Molecular Mass	The recombinant cynomolgus SIRPA comprises 353 amino acids and has a calculated molecular mass of 38.93 kDa.
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

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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.

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