

Active Recombinant Cynomolgus SIRPA protein, His-tagged

Cat. No. SIRPA-3654C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus SIRPA protein(XP_015313153.1) (Met1-Tyr372) was expressed in HEK293, fused 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 of the 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 to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	SIRPA signal regulatory protein alpha [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	SIRPA
Synonyms	SIRPA
Gene ID	101926317
mRNA Refseq	NM_001284750
Protein Refseq	NP_001271679

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