

Active Recombinant Mouse Sirpa protein, His-tagged, Low Endotoxin

Cat. No. SIRPA-937M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sirpa protein(BAA13520.1)(32-373 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	32-373 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse SIRP alpha, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse CD47, hFc Tag with the EC50 of 44.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 39 kDa. Due to glycosylation, the protein migrates to 65-85 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Sirpa signal-regulatory protein alpha \[Mus musculus \]](#)

Official Symbol [Sirpa](#)

Synonyms SIRPA; signal-regulatory protein alpha; tyrosine-protein phosphatase non-receptor type substrate 1; mSIRP-alpha1; sirp-alpha-1; myD-1 antigen; SHP substrate 1; inhibitory receptor SHPS-1; signal-regulatory protein alpha-1; CD172 antigen-like family member A; brain immunological-like with tyrosine-based motifs; protein tyrosine phosphatase, non-receptor type substrate 1; brain Ig-like molecule with tyrosine-based activation motifs; Bit; P84; SIRP; SHP-1; CD172a; Ptpns1; SHPS-1; AI835480;

Gene ID [19261](#)

mRNA Refseq [NM_001177646](#)

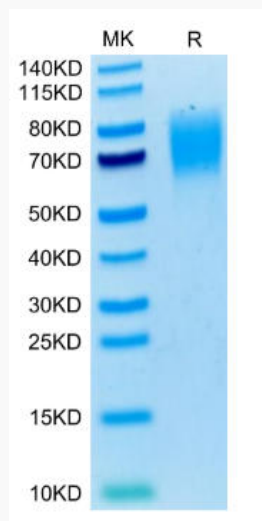
Protein Refseq [NP_001171117](#)

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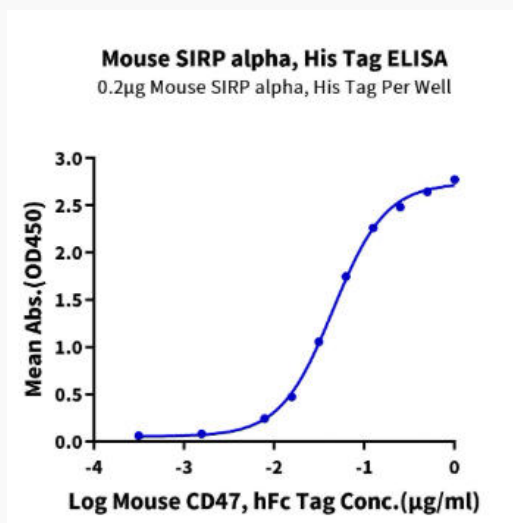
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Bis-Tris PAGE



ELISA Data



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