

Recombinant Mouse SIRPA protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse SIRPA protein(BAA13520.1)(Lys32-Asn373), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Lys32-Asn373
Tag	C-His
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 1ug/ml (100ul/well) on the plate. Dose response curve for Mouse CD47, hFc Tag with the EC50 of 0.26ug/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 39 kDa. Due to glycosylation, the protein migrates to 65-85 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

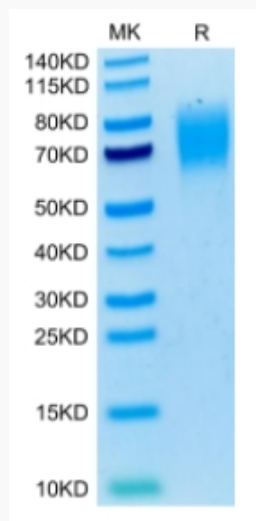
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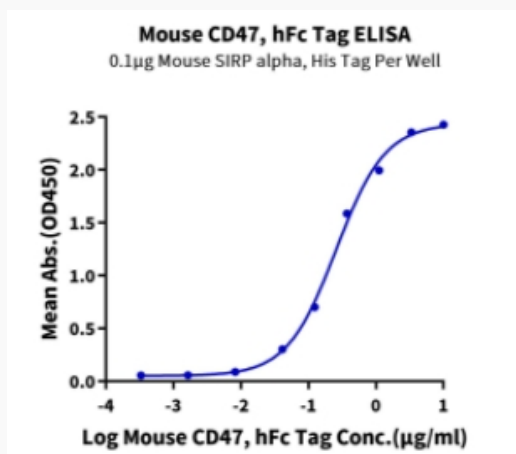
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

Tris-Bis PAGE



ELISA Data



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