

Recombinant Human SIRPA protein, His-Avi-tagged

Cat. No. SIRPA-324H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Sirpa V8 Protein is expressed from mammalian with a His Tag and Avi Tag at the C-terminal. It contains Glu31-Arg369.
Species	Human
Source	HEK293
ProteinLength	Glu31-Arg369
Description	Signal regulatory protein α (SIRP α) is a regulatory membrane glycoprotein from SIRP family expressed mainly by myeloid cells and also by stem cells or neurons. SIRP α acts as inhibitory receptor and interacts with a broadly expressed transmembrane protein CD47 also called the "don't eat me" signal. Cancer cells highly expressed CD47 that activate SIRP α and inhibit macrophagemediated destruction.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 40.1 kDa. Due to glycosylation, the protein migrates to 52-68 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

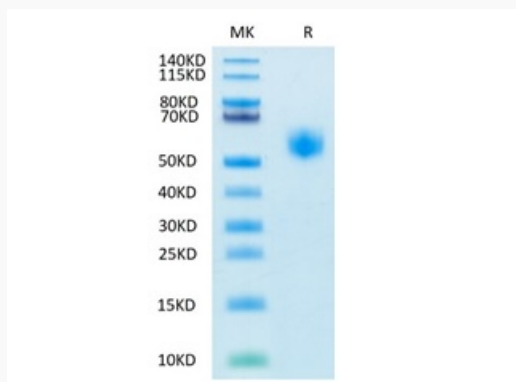
Gene Name	SIRPA
Official Symbol	SIRPA
Synonyms	CD172 antigen-like family member A; CD172a antigen; CD172a;BIT; BITbrain-immunoglobulin-like molecule with tyrosine-based activation motifs; Brain Ig-like molecule with tyrosine-based activation motifs; Inhibitory receptor SHPS-1; Macrophage fusion receptor; MFR; MFRtyrosine phosphatase SHP substrate 1; MyD-1 antigen; MYD1; MYD-1; P84; protein tyrosine phosphatase, non-receptor type substrate 1; PTPNS1; SHP substrate 1; SHPS1; SHPS-1; SHPS1CD172A; signal-regulatory protein alpha; Signal-regulatory protein alpha-1; Signal-regulatory protein alpha-2; Signal-regulatory protein alpha-3; SIRP alpha; SIRPA; SIRPalpha; Sirp-alpha-1; SIRPalpha2; Sirp-alpha-2; Sirp-alpha-3; SIRPtyrosine-protein phosphatase non-receptor type substrate 1
Gene ID	140885
mRNA Refseq	NM_001040022.1
Protein Refseq	NP_001035111.1
MIM	602461
UniProt ID	P78324

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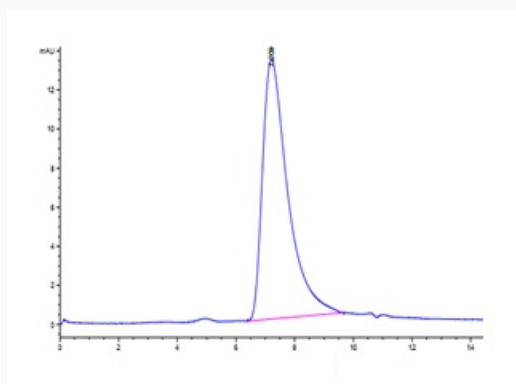
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**Tris-Bis PAGE of
SIRPA-324H**



**SEC-HPLC of SIRPA-
324H**



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