

SIRP alpha/CD172a Recombinant Protein | SIRPalpha/CD172a recombinant protein

Biotinylated Human SIRP alpha/CD172a Protein Recombinant

CATALOG #	HOST
AAA76274	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

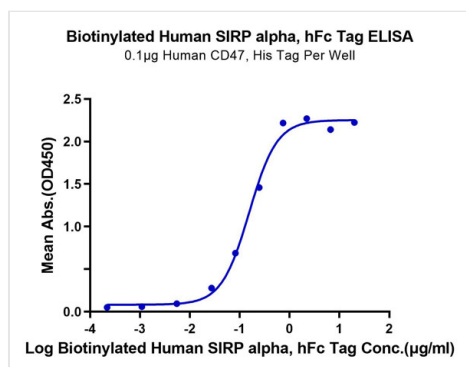
PRODUCT SYNONYMS

SIRP alpha/CD172a; Biotinylated Human SIRP alpha/CD172a Protein Recombinant; SIRPalpha/CD172a recombinant protein

PRODUCT SPECIFICATIONS

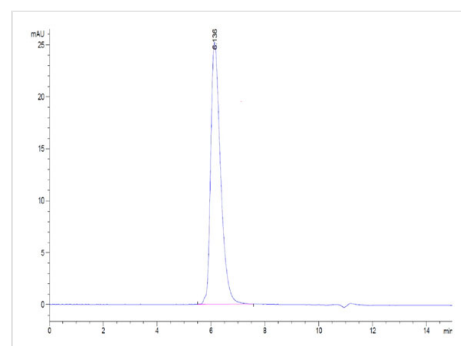
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human SIRP alpha/CD172a was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human SIRP alpha/CD172a including a C-hFc-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



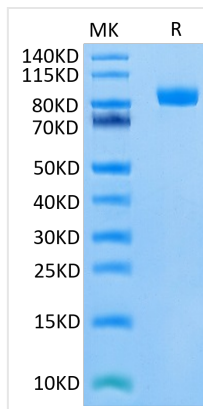
ELISA

Biotinylated Human SIRP alpha/CD172a Protein ELISA Data: Immobilized Human CD47, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human SIRP alpha, hFc Tag with the EC₅₀ of 0.16 µg/ml determined by ELISA.



Application Data

Biotinylated Human SIRP alpha/CD172a Protein SEC-HPLC: The purity of Biotinylated Human SIRP alpha is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human SIRP alpha/CD172a Protein Tris-Bis PAGE Biotinylated Human SIRP alpha on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for SIRPalpha/CD172a recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91105764
NCBI GeneID	140885
NCBI Accession #	NP_001035111.1
NCBI GenBank Nucleotide #	NM_001040022.1
UniProt Accession #	P78324; O00683; O43799; Q8N517; Q8TAL8; Q9H0Z2; Q9UDX2; Q9UIJ6; Q9Y4U9; A2A2E1; A8K411; B2R6C3
Molecular Weight	54,967 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1
NCBI Official Synonym Full Names	signal-regulatory protein alpha
NCBI Official Symbol	SIRPA
NCBI Official Synonym Symbols	BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type substrate 1; myd-1 antigen; inhibitory receptor SHPS-1; macrophage fusion receptor; CD172 antigen-like family member A; tyrosine phosphatase SHP substrate 1; brain-immunoglobulin-like molecule with tyrosine-b
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type substrate 1
UniProt Gene Name	SIRPA
UniProt Synonym Gene Names	BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP; SHP substrate 1; SHPS-1; Bit; Sirp-alpha-1; Sirp-alpha-2
UniProt Entry Name	SHPS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sirpa-recombinant-protein-hek293/76274>