

SIRP-alpha/CD172a recombinant protein

Recombinant Mouse SIRP-alpha/CD172a Protein

CATALOG #
AAA282578

HOST
HEK293 cells

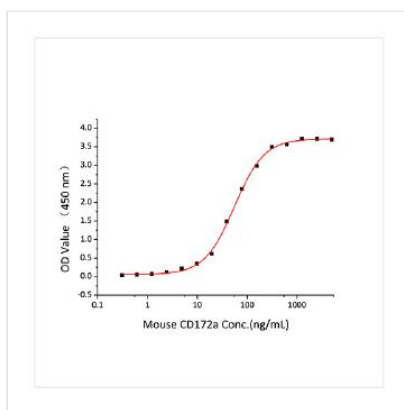
PRODUCT SYNONYMS

SIRP-alpha/CD172a; Recombinant Mouse SIRP-alpha/CD172a Protein; CD172a; BIT; MFR; MYD1; MYD-1; P84; PTPNS1; SHP substrate 1; SHPS1; SHPS-1; SHPS1CD172A; SIRP alpha; SIRPA; Sirp-alpha-1; SIRPalpha2; Sirp-alpha-2; Sirp-alpha-3; SIRP-alpha/CD172a recombinant protein

PRODUCT SPECIFICATIONS

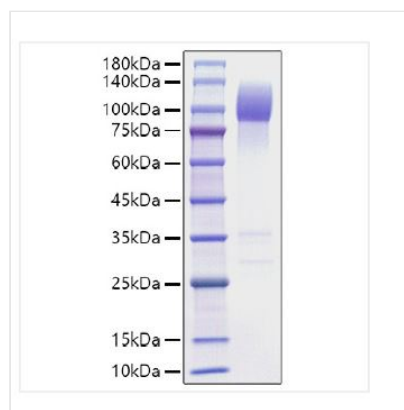
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-hFc
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Mouse CD47 at 2 ug/mL (100 uL/well) can bind Mouse CD172a with a linear range of 1.2-55.3 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Mouse CD47 at 2 ug/mL (100 uL/well) can bind Mouse CD172a (#AAA282578) with a linear range of 1.2-55.3 ng/mL.



SDS-PAGE

Active Recombinant Mouse SIRPalpha/ CD172a Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-120 kDa.

ADDITIONAL INFORMATION

Related Product Information for SIRP-alpha/CD172a recombinant protein

Recombinant Mouse SIRP-alpha/CD172a Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys32-Asn373) of mouse SIRP-alpha/CD172a (Accession #NP_001277948.1) fused with a hFc tag at the C-terminus.

NCBI AND UNIPROT INFORMATION

NCBI GI #	294997315
NCBI GeneID	19261
NCBI Accession #	NP_001171117.1
NCBI GenBank Nucleotide #	NM_001177646.1
UniProt Accession #	P97797; O08907; O35924; O88555; O88556; P97796; Q8R559; Q9QX57; Q9WTN4
Molecular Weight	56,425 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1 isoform 1
NCBI Official Synonym Full Names	signal-regulatory protein alpha
NCBI Official Symbol	Sirpa
NCBI Official Synonym Symbols	Bit; P84; SIRP; SHP-1; CD172a; Ptpns1; SHPS-1; AI835480
NCBI Protein Information	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 tyrosi
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type substrate 1
UniProt Gene Name	Sirpa
UniProt Synonym Gene Names	Bit; Myd1; Ptpns1; Shps1; Sirp; SHP substrate 1; SHPS-1; Bit; Sirp-alpha-1
UniProt Entry Name	SHPS1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/sirpa-recombinant-protein-hek293-cells/282578>