

SIRP alpha/CD172a Protein, Human (Biotinylated, HEK 293, His-Avi)

Cat. No.:	HY-P72412
Synonyms:	HP Substrate 1; SHPS-1; Bit; Sirp-Alpha-1; Sirp-Alpha-2; Sirp-Alpha-3; p84; CD172a; BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP
Species:	Human
Source:	HEK293
Accession:	P78324-1 (E31-R370)
Gene ID:	140885
Molecular Weight:	50-80 kDa

PROPERTIES

AA Sequence	<pre> E E E L Q V I Q P D K S V L V A A G E T A T L R C T A T S L I P V G P I Q W F R G A G P G R E L I Y N Q K E G H F P R V T T V S D L T K R N N M D F S I R I G N I T P A D A G T Y Y C V K F R K G S P D D V E F K S G A G T E L S V R A K P S A P V V S G P A A R A T P Q H T V S F T C E S H G F S P R D I T L K W F K N G N E L S D F Q T N V D P V G E S V S Y S I H S T A K V V L T R E D V H S Q V I C E V A H V T L Q G D P L R G T A N L S E T I R V P P T L E V T Q Q P V R A E N Q V N V T C Q V R K F Y P Q R L Q L T W L E N G N V S R T E T A S T V T E N K D G T Y N W M S W L L V N V S A H R D D V K L T C Q V E H D G Q P A V S K S H D L K V S A H P K E Q G S N T A A E N T G S N E R </pre>
Biological Activity	1☐Measured by its binding ability in a functional ELISA. 10 µg/mL (100 µL/well) of immobilized SIRPA, Human (HEK 293, His-Avi) can bind Human CD47-Fc with an ED50 value of 898 ng/mL. 2☐Measured by its affinity
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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