

SIRP alpha V2/CD172a Protein, Human (339a.a, HEK293, His)

Cat. No.:	HY-P77836
Synonyms:	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
Species:	Human
Source:	HEK293
Accession:	AAH26692.1 (E31-R369)
Gene ID:	140885
Molecular Weight:	55-65 kDa

PROPERTIES

Biological Activity	<ol style="list-style-type: none"> 1. Immobilized Human SIRP alpha V2, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human CD47, hFc Tag with the EC₅₀ of 0.15µg/ml determined by ELISA. 2. Immobilized Human SIRP alpha V2, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-SIRP Antibody, hFc Tag with the EC₅₀ of 10.1ng/ml determined by ELISA. 3. Serial dilutions of Anti-SIRP alpha Antibody, hFc Tag were added into Human SIRP alpha V2, His Tag : Biotinylated Human CD47 Protein, His Tag binding reactions. The half maximal inhibitory concentration (IC₅₀) is 54.14ng/ml.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
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 for 2 years. 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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