

SIRP alpha/CD172a Protein, Human (CAA71403, HEK293, Fc)

Cat. No.:	HY-P70689
Synonyms:	Tyrosine-Protein Phosphatase Non-Receptor Type Substrate 1; SHPS-1; CD172a; SIRPA; BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP
Species:	Human
Source:	HEK293
Accession:	CAA71403.1 (E31-R370)
Gene ID:	140885
Molecular Weight:	85-105 kDa

PROPERTIES

AA Sequence	<div> <div> E E E L Q V I Q P D G A G P G R E L I Y I T P A D A G T Y Y P V V S G P A A R A L S D F Q T N V D P A H V T L Q G D P L V T C Q V R K F Y P N W M S W L L V N V A H P K E Q G S N T </div> <div> K S V L V A A G E T N Q K E G H F P R V C V K F R K G S P D T P Q H T V S F T C V G E S V S Y S I H R G T A N L S E T I Q R L Q L T W L E N S A H R D D V K L T A A E N T G S N E R </div> <div> A T L R C T A T S L T T V S D L T K R N D V E F K S G A G T E S H G F S P R D I S T A K V V L T R E R V P P T L E V T Q G N V S R T E T A S C Q V E H D G Q P A </div> <div> I P V G P I Q W F R N M D F S I R I G N E L S V R A K P S A T L K W F K N G N E D V H S Q V I C E V Q P V R A E N Q V N T V T E N K D G T Y V S K S H D L K V S </div> </div>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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 (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	SIRPA is a specific cell-surface marker for isolating cardiomyocytes derived from human pluripotent stem cells ^[1] .
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REFERENCES

[1]. Dubois NC, Craft AM, Sharma P, et al. SIRPA is a specific cell-surface marker for isolating cardiomyocytes derived from human pluripotent stem cells. Nat Biotechnol. 2011;29(11):1011-1018. Published 2011 Oct 23.

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

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