

SIRP Beta 1 Protein, Human (Biotinylated, isoform 3, HEK293, His-Avi)

Cat. No.:	HY-P77839
Synonyms:	SIRP-beta-1 isoform 3; SIRPB1; CD172b; DKFZp686A05192; FLJ26614; 9930027N05Rik; SIRP-beta; Sirpb; Sirpb1; Sirpb1a
Species:	Human
Source:	HEK293
Accession:	Q5TFQ8 (E30-L371)
Gene ID:	10326
Molecular Weight:	55-68 kDa

PROPERTIES

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 (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	SIRP Beta 1 Protein, an immunoglobulin-like cell surface receptor, plays a crucial role in negatively regulating receptor tyrosine kinase-coupled signaling processes. This receptor modulates cellular responses induced by various stimuli, including cell adhesion, growth factors, or insulin. Through its regulatory functions, SIRP Beta 1 contributes to maintaining cellular homeostasis and finely tuning the activation of signaling pathways associated with receptor tyrosine kinases.
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Caution: Product has not been fully validated for medical applications. For research use only.

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