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Datasheet for ABIN5855169

SIRPB1 Protein (AA 30-371) (His tag)

Overview

Quantity:	50 µg
Target:	SIRPB1
Protein Characteristics:	AA 30-371
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIRPB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EDELQVIQPE KSVSVAAGES ATLRCA ^{MTSL} IPVGPIMWFR GAGAGRELIY NQKEGHFPRV TTVSELT ^{KRN} NLDFSISISN ITPADAGTY CVKFRK ^{GSPD} DVEFKSGAGT ELSVRAKPSA PVVSGPAVRA TPEHTVSFTC ESHGFSPRDI TLKWFK ^{NGNE} LSDFQTNVDP AGDSVSY ^{SIH} STARVVLTRG DVHSQVICEI AHITLQGDPL RGTANLSEAI RVPPTLEVTQ QPMRAENQAN VTCQVSNFY ^P RGLQLTWLEN GNVSR ^{TETAS} TLIENKDGTY NWMSWLLVNT CAHRDDV ^{VLT} CQVEHDGQQA VSKSYALEIS AHQKEH ^{GSDI} THEAALAPTA PLHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SIRPB1
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Target Details

Alternative Name: [SIRPB1 \(SIRPB1 Products\)](#)

Background: SIRPB1, also known as signal-regulatory protein beta-1 isoform 1, is a type I transmembrane protein of SIRP superfamily. It is an immunoglobulin-like cell surface receptor involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein also participates in the recruitment of tyrosine kinase SYK. And it acts as an activating isoform of SIRP alpha molecules that recruit SHP-1 and SHP-2 protein tyrosine phosphatases and activate counterparts, whose engagement couples to protein tyrosine kinases. Recombinant human SIRPB1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 38.0kDa (348aa) 40-57KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_006056](#)

UniProt: [O00241](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
