

SIRPA (Human) Cell-Based ELISA Kit

Catalog # KA5662

Size 1 Kit

Specification

Product Description	SIRPA (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of Sirp alpha1 expression in cultured cells.
Suitable Sample	Attached cell, loosely attached cell and suspension cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for six months.

Applications

- Qualitative

Gene Info — SIRPA

Entrez GeneID	140885
Protein Accession#	P78324
Gene Name	SIRPA
Gene Alias	BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalpha, SIRPalpha2
Gene Description	signal-regulatory protein alpha

Omim ID [602461](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phosphotyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000030001|SHP substrate-1|brain-immunoglobulin-like molecule with tyrosine-based activation motifs|macrophage fusion receptor|myd-1 antigen|protein tyrosine phosphatase, non-receptor type substrate 1|signal regulatory protein, alpha type 1|signal