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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SIRPA (Human) Recombinant Protein

Catalog Number: P10635

Regulation Status: For research use only (RUO)

Product Description: Human SIRPA partial recombinant protein with Human IgG1 Fc tag at the C-terminus expressed in CHO cells.

Sequence:

EEELQVIQPDKSVLVAAGETATLRCTATSLIPVGPIQWF
RGAGPGRELIYNQKEGHFPRVTTVSDLTKRNNMDFSI
RIGNITPADAGTYCYVKFRKGSPDDVEFKSGAGTELSV
RAKPSAPVVSGPAARATPQHTVSFTCESHGFSRDTIT
LKWFKNGNELSDFQTNVDPVGESVSYSIHSTAKVVL
REDVHSQVICEVAHVTLQGDPLRGTTANLSETIRVPPTL
EVTQQPVRAENQVNVTCQVRKFYPQRLQLTWLENGN
VSRTEASTVTENKDGTYNWMWLLVNVSAHRDDVK
LTCQVEHDGQPAVSKSHDLKVSAPKPEQGSNTAAEN
TGSNER

Host: Mammals

Theoretical MW (kDa): 63.4

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (CHO)
expression system

Purification: Ni-NTA chromatography

Purity: > 95% as determined by SDS-PAGE.

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL
method.

Recommend Usage: SDS-PAGE
The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from a 0.2 um filtered
solution of PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in
lyophilized state.

After reconstitution with deionized water, store at -20 or
-80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 140885

Gene Symbol: SIRPA

Gene Alias: BIT, CD172A, MFR, MYD-1, P84, PTPNS1,
SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalph, SIRPalph2

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 phospho-tyrosine 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]