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SIRPA, 27-373aa, Human, His tag, E.coli

产品货号: TP03940

第三版

别名: Tyrosine-protein phosphatase non-receptor type substrate 1, BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS1, SIRP

描述: SIRPA 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. It 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. Recombinant human SIRPA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In PBS buffer (pH 7.4) containing 10% glycerol, 1mM DTT

分子量: 40.4 kDa (370aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSGVAGEEELQVIQPKSVLVAAGETATLRCTATSLIPVGPIQWFRGAGPGRELIYNQ
KEGHFPRVTTVSDLTKRNNMDFSIRIGNITPADAGTYCYVKFRKGGSPDDVEFKSGAGTELSVRAKPSAPVVS GPAARATPQ
HTVSFTCESHGFSRDI TLKWFKNELSD FQTNVDPVGESVSYSIHSTAKVVLTR EDVHSQVICEVAHVTLQGDPLRGT
ANLSETIRVPPTLEVTQQPVRAENQVNVTCQVRKFYPQRLQLTWLENGNVSR TETASTVTENKDGTYNWMSWLLVNVS
AHRDDVKLTCQVEHDGQPAVSKSHDLKVS AHPKEQGSNTAAENTGSNERNIY

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.