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Tyrosine-protein phosphatase non-receptor type substrate 1, 32-373aa, Rat, His tag, Insect cell

产品货号: TP04365

第三版

别名: Bit, Ptpns1, SHPS-1, Sirpa.

**描述:** SIRPA, also known as tyrosine-protein phosphatase non-receptor type substrate 1, is an immunoglobulin-like cell surface receptor for CD47. It supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. It may play a key role in intracellular signaling during synaptogenesis and in synaptic function. It is involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Recombinant rat SIRPA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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

**分子量:** 38.5kDa (350aa) 57-70kDa (SDS-PAGE under reducing conditions)

**序列:**

KELKVTQADKSVSVAAGDSATLNCTVSSLTPVGPIKWFKGEGQNRSPYISFIGGEHFPRITNVSDATKRNNMDFSICISNVT  
PEDAGTYCYCVKFQKGVDPDTEIKSGGGTTLVYLAKPSSPEVSGPDSRSGSPGQTVNFTCKSYGFSPRNLTKWLKNGKELSH  
LETTISSKSNVSYNISSTVSVKLSPEDIHSRVICEVAHVTLGRPLNGTANFSNIIRVSPTLKITQQPLTPASQVNLTCQVQKFY  
PKALQLNWLENGNLSRTDKPEHFTDNRDGTNYNTSLFLVNSSAHREDVVFTCQVEHDSQPAITENHTVRAFAHSSSGGS  
METIPDNNAYYNWNVEHHHHHH

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**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.