

Recombinant Full Length Rat Tyrosine-Protein Phosphatase Non-Receptor Type Substrate 1(Sirpa) Protein, His-Tagged

Cat. No. RFL478RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat Tyrosine-protein phosphatase non-receptor type substrate 1(Sirpa) Protein (P97710) (32-509aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length of Mature Protein (32-509)

Form Lyophilized powder

AA Sequence

KELKVTQADKSVSVAAGDSATLNCTVSSLTPVGPIKWFKGEGQNRSPIYSFIGGEHF
 PRITNVSDATKRNNMDFSICISNVTPEDAGTYCCKFKGIVEPDTEIKSGGGTTLVY
 LAKPSSPEVSGPDSRGSQTVNFTCKSYGFSPRNITLKWLDGKELSHLETTISSK
 SNVSYNISSTVSVKLSPEDIHSRVICEVAHVTLGRPLNGTANFNSNIIRVSPTLKITQQP
 LTPASQVNLTCQVQKFPKALQLNWLGNLSRTDKPEHFTDNRDGTNYTSLFLV
 NSSAHREDVVFTCQVEHDSQPAITENHTVRAFAHSSSGGSMETIPDNNAYYNNVNF
 IGVGVACALLVLLMAALYLLRIKQKKAKGSTSSTRLLHEPEKNAREITQIQDNDINDIT
 YADLNLPKEKKPAPRVPEPNNHTEYASIEGKLPEDTLTYADLDMVHLNRAQPTP
 KPEPSFSEYASVQVQRK

Purity Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Sirpa
Synonyms	Sirpa; Bit; Mfr; Ptpns1; Shps1; Sirp; Tyrosine-protein phosphatase non-receptor type substrate 1; SHP substrate 1; SHPS-1; Brain Ig-like molecule with tyrosine-based activation motifs; CD172 antigen-like family member A; Inhibitory receptor SHPS-1; Macrop
UniProt ID	P97710

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