

Recombinant Human Signal-Regulatory Protein alpha-1/SIRPA/CD172a RPES6233

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES6233

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

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: Bit, Brain Ig-Like Molecule with Tyrosine-Based Activation Motifs, CD172 Antigen-Like Family Member A, Inhibitory Receptor SHPS-1, Macrophage Fusion Receptor, MyD-1 Antigen, SHP Substrate 1, SHPS-1, Signa, Tyrosine-Protein Phosphatase Non-Receptor Type Substrate 1

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: Loaded Anti-Human SIRPA mAb-Fc on Protein A Biosensor, can bind Human SIRPA- His with an affinity constant of 1.22 nM as determined in BLI assay.

Calculated MW: 38.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 45-60 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: P78324

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: HEK293 Cells-derived Human SIRPA, CD172a protein Glu31-Arg370, with an C- terminal His

Sequence: Glu31-Arg370

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder