

Recombinant Rat E-Selectin/SELE Protein (His Tag)

RPES1252

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: RPES1252

Purity: > 97 % as determined by reducing SDS-PAGE.

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Rat

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

Synonyms: CD62e, Elam-1, SELE

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: Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10⁴ cells/well are added to rat E Selectin/Fc Chimera coated plates (2 µg/mL, 100 µL/well), approximately 30%-60% will adhere after 1 hour at 37°C. Optimal dilutions should be determined by each laboratory for each application.

Calculated MW: 53.0 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4. 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.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 70-80 kDa

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

Accession: P98105-1

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 Rat E-Selectin/SELE protein Met 1-Pro 494, with an C-terminal His

Sequence: Met 1-Pro 494

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

Form: Lyophilized powder