



Recombinant Protein Technical Manual

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

RPES3263

Product Data:

Product SKU: RPES3263

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P16581

Protein Information:

Molecular Mass: 58.6 kDa

AP Molecular Mass: 104 kDa

Tag: C-6His

Bio-activity:

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

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

Storage: 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.

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

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, 4% Mannitol, pH7.4.

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

Application:

Synonyms: E-selectin (SELE); CD62 antigen-like family member E; Endothelial leukocyte adhesion molecule 1; Leukocyte-endothelial cell adhesion molecule 2; CD62E and ELAM1;ELAM;ESEL;LECAM2

Immunogen Information:

Sequence: Trp22-Pro556

Background:

SELE is expressed on the surface of endothelial cells and mediates the interaction of leukocytes and platelets with endothelial cells during an inflammatory response. SELE functions as a cell-surface glycoprotein and has a role in immunoadhesion. In addition, SELE may also have a role in capillary morphogenesis.