



Recombinant Protein Technical Manual

Recombinant Human SELL Protein (His Tag)

RPES2509

Product Data:

Product SKU: RPES2509

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P14151

Protein Information:

Molecular Mass: 34.0 kDa

AP Molecular Mass: 60 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 20mM PB, 150mM NaCl, 2mM CaCl₂, 2mM MgCl₂, pH 7.4.

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

Application:

Synonyms: L-selectin; CD62 antigen-like family member L; Leukocyte adhesion molecule 1; Leukocyte surface antigen Leu-8; Leukocyte-endothelial cell adhesion molecule 1; Lymph node homing receptor; TQ1; gp90-MEL; LNHR; LYAM1; CD62L; LAM1; LECAM1; LEU8; LSEL; LYAM1; PLNHR

Immunogen Information:

Sequence: Trp39-Asn332

Background:

SELL contains one C-type lectin domain, one EGF-like domain and two Sushi (CCP/SCR) domains. SELL is expressed in B-cell lines and T-lymphocytes. SELL functions as a cell surface adhesion protein and mediates the adherence of lymphocytes to endothelial cells of high endothelial venules in peripheral lymph nodes. In addition, SELL also promotes initial tethering and rolling of leukocytes in endothelia.