



# Recombinant Protein Technical Manual

## Recombinant Mouse L-Selectin/SELL Protein (His Tag)

RPES1179

### Product Data:

**Product SKU:** RPES1179

**Size:** 10µg

**Species:** Mouse

**Expression host:** Human Cells

**Uniprot:** P18337

### Protein Information:

**Molecular Mass:** 34.1 kDa

**AP Molecular Mass:** 9020 kDa

**Tag:** C-His

**Bio-activity:**

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

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

**Storage:** Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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,pH7.4.

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

**Application:**

**Synonyms:** L-selectin;Sell;CD62 antigen-like family member L;Leukocyte adhesion molecule 1;LECAM1;Lymph node homing receptor;Lymphocyte antigen 22;CD62L;LECAM;Lnhr;Ly-22;Ly-m22;Lyam;Lyam1

## Immunogen Information:

**Sequence:** Trp39-Asn332

## Background:

L-Selectin is a member of a family of Selectin that is transiently expressed on vascular endothelial cells in response to IL beta and TNF-alpha. L-Selectin (Leukocyte Selectin, LAM, LECAM, LECCAM, TQ1, Leu-8, MEL4 antigen, DREG, lymph node homing receptor, CD62L) is expressed constitutively on a wide variety of leukocytes and mediates a number of leukocyte-endothelial interactions, including the binding of lymphocytes to HEV of peripheral lymph node high endothelial venules (HEV), neutrophil rolling, and leukocyte attachment to cytokine-treated endothelium in vitro.