

Recombinant Human Selectin L, His-tagged

Cat. No. SELL-2678H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Selectin L fused to an amino-terminal His tag is expressed in <i>E. coli</i> .
Species	Human
Source	E.coli
Description	L-selectin, also known as CD62L, is a cell adhesion molecule consisting of a large, highly glycosylated, extracellular domain found on leukocytes. It belongs to the selectin family of proteins, which recognise sialylated carbohydrate groups. L-selectin acts as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via the high endothelial venules. L-selectin is an effective marker for separating lymphoid progenitors from myeloid progenitors and hematopoietic stem cells in bone marrow.
Purity	Greater than 95% (determined by SDS-PAGE and HPLC analysis).
Endotoxin Level	< 0.1 ng per µg of rHu APO-E4 (1EU/µg).
Formulation	Sterile-filtered, liquid formulation. L-selectin is supplied in 50% glycerol.
Applications	L-selectin can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.
Reconstitution	Please Note: Always centrifuge product before opening vial. The lyophilized protein

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should be reconstituted with distilled, sterile water to a concentration of 0.1-1.0 mg/ml. For further dilution, carrier protein (0.1% BSA or HSA) should be added to avoid loss of bioactivity.

Storage

The lyophilized protein, though stable at room temperature for up to 3 weeks, is best stored desiccated at -20°C. Reconstituted protein should be used immediately or stored long-term in undiluted working aliquots at -20°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name

[SELL selectin L \[Homo sapiens \]](#)

Synonyms

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

Gene ID

[6402](#)

mRNA Refseq

[NM_000655](#)

Protein Refseq

[NP_000646](#)

MIM

[153240](#)

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UniProt ID	P14151
Chromosome Location	1q23-q25
Pathway	Cell adhesion molecules (CAMs); Hemostasis; Signaling in Immune system
Function	glycosphingolipid binding; heparin binding; protein binding; sugar binding

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