

## Recombinant Human L-Selectin, His-tagged

Cat. No. SELL-279H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human L-selectin comprises a 294 amino acid fragment (39-332) corresponding to the mature L-Selectin extracellular domain and is expressed in E. coli with an amino-terminal hexahistidine tag.

**Species** Human

**Source** E.coli

**ProteinLength** 39-332 a.a.

**Description** L-Selectin belongs to a family of divalent cationdependent carbohydrate-binding glycoproteins or adhesion molecules. L-Selectin is expressed constitutively on lymphocytes, monocytes and granulocytes and interacts specifically with carbohydrate groups on activated endothelial cells. L-Selectin may be shed by proteolytic cleavage and circulating levels in biological fluids may be used as an indicator of various pathological conditions.

**Purity** >95% by SDS-PAGE

**Form** Liquid

**Storage** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

### GENE INFORMATION

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|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">SELL selectin L [ Homo sapiens ]</a>   |
| <b>Synonyms</b>            | Leukocyte Selectin; L-SEL; Leukocyte adhesion molecule; LAM-1; Leukocyte cell adhesion molecule LECAM-1; TQ1; CD62L; Leukocyte surface antigen Leu-8; DREG; lymph node homing receptor LNHR; MEL-14; SELL; selectin L; LAM1; LSEL; LYAM1; Leu-8; PLNHR; hLHRc; LECAM1; Lyam-1; Leu-8 antigen; lymph node homing receptor; leukocyte adhesion molecule-1; lymphocyte adhesion molecule 1; LNHR; gp90-MEL; CD62 antigen-like family member L; CD62L antigen; Leukocyte-endothelial cell adhesion molecule 1. |
| <b>Gene ID</b>             | <a href="#">6402</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_000655</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_000646</a>  |
| <b>MIM</b>                 | <a href="#">153240</a>   |
| <b>UniProt ID</b>          | <a href="#">P14151</a>   |
| <b>Chromosome Location</b> | 1q23-q25   |
| <b>Pathway</b>             | Cell adhesion molecules (CAMs); Hemostasis; Signaling in Immune system   |
| <b>Function</b>            | glycosphingolipid binding; heparin binding; protein binding; sugar binding   |

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