

## SELL

### Recombinant Human L-Selectin/CD62L His

<b>Catalog No.</b>	CRC145A CRC145B CRC145C	<b>Quantity:</b>	2 µg 10 µg 1.0 mg
<b>Alternate Names:</b>	TQ1, LAM1, Leukocyte surface antigen Leu-8, LEU8, Lymph node homing receptor, LNHR, gp90-MEL, LSEL, CD62L, LYAM1, PLNHR, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, SELL		
<b>Description:</b>	<p>Recombinant Human L-Selectin/CD62L His is a 294 amino acid protein comprising aa 39-332 fused to an N-Terminal His Tag.</p> <p>L-Selectin/CD62L belongs to a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. The L-Selectin molecule is composed of various domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.</p> <p>L-Selectin is expressed constitutively on lymphocytes, monocytes and granulocytes and interacts specifically with carbohydrate groups on activated endothelial cells. It may be shed by proteolytic cleavage and circulating levels in biological fluids may be used as an indicator of various pathological conditions. L-Selectin is cleaved by ADAM17.</p> <p>L-Selectin works as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via the high endothelial venules (HEV). Ligands present on endothelial cells attach to leukocytes expressing L-selectin, which causes the leukocytes to become localized at the HEV. The receptor is also located on the cell surfaces of "naive" T cells, which have not yet encountered their particular antigen. This surface expression is lost following cell activation.</p>		
<b>Gene ID:</b>	6402		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	37.55 kDa		
<b>Formulation:</b>	Sterile filtered colorless solution in PBS + 50% Glycerol		
<b>Purity:</b>	>95% by SDS-PAGE		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of protein.		
<b>Applications:</b>	ELISA, Western blot, Immunoprecipitation. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Stable for 2 weeks at 2-4°C. For long term use, aliquot and freeze -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

