9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

L Selectin Human

L-selectin Human Recombinant
RCP1208

Product Overview

Name	L Selectin Human
Description	
L-selectin Human Recombinant	
Accession (Primary)	P14151
Synonyms	
L-selectin, Lymph node homing receptor, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, TQ1, gp90-MEL, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, CD62 antigen-like family member L, CD62L antigen, LAM1, LNHR, LSEL, CD62L, LYAM1, Leu-8, PLNHR, hLHRc, Lyam-1, L-Sel.	
Introduction	
L-Selectin 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. 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. L-Selectin is cleaved by ADAM17. L-selectin works as a "homing receptor" for leukocytes to enter secondary lymphoid tissues via the high endothelial venules. Ligands present on endothelial cells will attach to leukocytes expressing L-selectin, which causes the leukocytes to become localized at that juncture. 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 the cells activation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
L-Sel is supplied in 1x PBS and 50% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Purity

Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.

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.

Precautions

L Selectin Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P14151)