



## Product Datasheet

<b>Product Name</b>	E-selectin Human Recombinant
<b>Cata No</b>	CB501001
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	E-selectin, Endothelial leukocyte adhesion molecule 1, ELAM-1, Leukocyte-endothelial cell adhesion molecule 2, LECAM2, CD62E antigen, SELE, ELAM1, ELAM, ESEL, CD62E.

### Description

E-selectin which is also called Endothelial leukocyte adhesion molecule 1, ELAM1, ELAM belongs to a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. Eselectin is expressed on the surface of endothelial cells and mediates the interaction of leukocytes and platelets with endothelial cells during an inflammatory response. E-selectin is present in single copy in the human genome and contains 14 exons spanning about 13 kb of DNA.

E-Selectin Human Recombinant is expressed in E. coli containing amino acids 179-557 fused to an amino terminal hexahistidine tag, having a total molecular weight of 45.22 kDa.

### Physical Appearance

Sterile Filtered liquid formulation.

### Purity

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

### Formulation

E-Selectin 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.**

### Applications

E-Selectin can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments.