



## Product Datasheet

<b>Product Name</b>	P-selectin Human Recombinant
<b>Cata No</b>	CB501003
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	P-selectin, Granule membrane protein 140, GMP-140, PADGEM, Leukocyte-endothelial cell adhesion molecule 3, LECAM3, CD62 antigen-like family member P, CD62P antigen, SELP, GMRP, GRMP, CD62, PSEL, CD62P, GMP140, FLJ45155.

### Description

P-Selectin also called Platelet Alpha-Granule Membrane Protein, CD62, and Granulocyte Membrane Protein GRMP belongs to a family of divalent cation-dependent carbohydrate-binding glycoproteins or adhesion molecules. Pselectin is expressed transiently on the surface of activated platelets and endothelial cells. P-Selectin is a 140 kDa protein which is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Secreted P-selectin is thought to play a key role in the adhesion of platelets to monocytes and neutrophils during an inflammatory response. P-Selectin is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Levels of P-Selectin may be elevated in a number of pathological conditions. P-Selectin Human Recombinant is expressed in E.

coli containing 566 amino acids 197-761 fused to an amino terminal hexahistidine tag.

### Physical Appearance

Sterile Filtered liquid formulation.

### Purity

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

### Formulation

P-Selectin is supplied in 50% Glycerol.

### Applications

P-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.