

## 32-4522: Recombinant Human P-Selectin

**Alternative Name :** 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

Source : Escherichia Coli. P-Selectin Human Recombinant is expressed in E. coli containing 566 amino acids 197-761 fused to an amino terminal hexahistidine tag. 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. P-selectin 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.  
**Content :** P-Selectin is supplied in 50% Glycerol.  
**Storage condition :** 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.

