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## Product Data Sheet

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Product Name: P Selectin Human

Cat. No.: GP24253

Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms 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.

Formulation P-Selectin is supplied in 50% Glycerol.

### Introduction

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.

### 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.

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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