

P Selectin Human

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

Catalog #: PRPS-389

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.

For research use only.

Source: Escherichia Coli.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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.

Storage:

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.

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