

Product Information

MemDX™ Antibody Discovery - Human P-Selectin / CD62P (42-771) Membrane Protein, Partial, -His tag

Cat. No.: **MP0792F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human P-Selectin / CD62P (42-771). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

P-Selectin / CD62P

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 81.8 kDa. The protein migrates as 110-125 kD under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Trp 42 - Ala 771 (Accession # AAN06828).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

P-Selectin / CD62P

Full Name

selectin P

Introduction

This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented.

Alternative Names

CD62; GRMP; PSEL; CD62P; GMP140; LECAM3; PADGEM; P-selectin; CD62 antigen-like family member P; GMP-140; granule membrane protein 140; granule membrane protein 140kDa; granulocyte membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; platelet alpha-granule membrane protein; selectin P (granule membrane protein 140kDa, antigen CD62)

Gene ID

[6403](#)

UniProt ID

[P16109](#)