

Product Information

MemDX™ Membrane Protein Human SELP (Selectin P) Expressed in Mammalian cell expression system with hlgG1 FC tag at the C-terminus for Antibody Discovery, Partial (42-771aa)

Cat. No.: **MPX4195K**

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

This product is a 108.8 kDa Human SELP membrane protein expressed in Mammalian cell expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SELP

Protein Length

Partial (42-771aa)

Protein Class

Cell adhesion

Molecular Weight

108.8 kDa

TMD

1

Sequence

WTYHYSTKAYSWNISRKYCQNRYTDLVAIQNKNEIDYLNKVLPPYSSYYWIGIRKNNKTWTWVGTKKALTNEAENWADNEPNNKR

Product Description

Expression Systems

Mammalian cell expression system

Tag

hlgG1 FC tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

SELP

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

SELP; 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); Selectin P

Gene ID

[6403](#)

UniProt ID

[P16109](#)