

Product Information

MemDX™ Membrane Protein Human SELP (Selectin P) Expressed in NS0 for Antibody

Discovery, Partial (42-771aa)

Cat. No.: **MPX0345K**

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

This product is a 106 kDa Human SELP membrane protein expressed in NS0. 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

106 kDa

TMD

1

Sequence

WTYHYSTKA
YSWNISRKYCQNRYTDLVAIQNKNEIDYLNKVLPPYYSSYYWIGIRKNNKT
WTWVGTKKALTNEAENWADNEPNNKRNNEDCVEIYIKSPSAPGKWNDHC
LKKKHALCYTASCQDMSCSKQGECLTIGNYTCSCYPGFYGPCEYVREC
GELELPQHVLNMNCSHPLGNFSFNSQCSFHCTDGYQVNGPSKLECLASGIW
TNKPPQCLAAQCPPLKIPERGNMTCLHSAKAFQHQSSECSFCEEGFALVG
PEVVQCTASGVWTAPAPVCKAVQCQHLEAPSEGTMDCVHPLTAFAYGSSC
KFECQPGYRVRGLDMLRCIDSGHWSAPLPTCEAISCEPLESPVHGSMDCS
PSLRAFQYDTNCSFRCAEGFMLRGADIVRCNLDGQWTAPAPVCQALQCQD
LPVPNEARVNCSPFGAFRYQSVCSFTCNEGLLLVGASVLQCLATGNWNS
VPPECQAIPCTPLLSPQNGTMTCVQPLGSSSYKSTCQFICDEGYSLSGPE
RLDCTRSGRWTDSPPMCEAIKCPELFAPEQGSLLDCSDTRGEFNVGSTCHF
SCDNGFKLEGPNNVECTTSGRWSATPPTCKGIALPTPGLQCPALTTPGQ
GTMYCRHHPGTFGFNTTCYFGCNAGFTLIGDSTLSCRPSGQWTAVTPACR
AVKCSELHVNKPIAMNCSNLWGNFSYGSICSFHCLEGQLLNGSAQTACQE
NGHWSTTVPTCQAGPLTIQEA

Product Description

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.01 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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](#)