

# Product Information

## MemDX™ Membrane Protein Human SELE (Selectin E) expressed in CHO for Antibody

### Discovery

Cat. No.: **MP0050Q**

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

This product is a 58.6 kDa Human SELE membrane protein expressed in CHO. 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

SELE

#### Protein Length

Partial

#### Protein Class

CD62E; ELAM; ELAM1; ESEL; LECAM2

#### Molecular Weight

58.6 kDa

#### TMD

1

#### Sequence

WSYNTSTEAMTYDEASAYCQQRVTHLVAIQNKKEIEYLNLSILSYSPSYWIGIRKVVNNVWVWGTQKPLTEEAKNWAPGEPNNRQ

### Product Description

#### Expression Systems

CHO

#### Tag

Tag Free

#### Form

Powder

#### Endotoxin

< 1 EU/μg

**Purity**

>95% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

SELE

**Full Name**

Selectin E

**Introduction**

The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis.

**Alternative Names**

CD62E; ELAM; ELAM1; ESEL; E-selectin; CD62 antigen-like family member E; ELAM-1; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; LECAM2

**Gene ID**

[6401](#)

**UniProt ID**

[P16581](#)