



Recombinant Pig E-selectin (SELE)

Product Code	CSB-MP020975PI
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P98110
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	WSYSASTETMTFDDASAYCQQRythlVAIQNHAEIEYLNSTFNYSASYWIGIR KINGTWTWIGTKKALTPEATNWAPGEPNNKQSNEDCVEIYIKRDKDSGKWND ERCSKKKLALCYTAACTPTSCSGHGECIETINSSTCQCYPGFRGLQCEQVVEC DALENPVNGVVTCPQSLPWNTTCAFECKEGFELIGPEHLQCTSSGSWDGKPK TCKAVTCDTVGHPQNGDVSCNHSSIGEFAYKSTCHFTCAEGFGLQGPAQIEC TAQQQWTQQAPVCKAVKCPAVSQPKNGLVKFTHSPTGEFTYKSSCAFSCEE GFELRGSACLACTSQGQWTQEVPSQVQVQCSSLEVPREINMSCSGEPVFGA VCTFACPEGWMLNGSVALTCGATGHWSGMLPTCEAPAESKIP
Research Area	Others
Source	Mammalian cell
Target Names	SELE
Protein Names	Recommended name: E-selectin Alternative name(s): CD62 antigen-like family member E Endothelial leukocyte adhesion molecule 1 Short name= ELAM-1 Leukocyte-endothelial cell adhesion molecule 2 Short name= LECAM2 CD_antigen
Expression Region	23-429aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.