

Recombinant Human SELE Protein, DYKDDDDK-tagged

Cat. No. SELE-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human selectin E(SELE)(NM_000450) protein, with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.131, without any preservatives.
Molecular Mass	58.6kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name [SELE selectin E \[Homo sapiens \]](#)

Official Symbol [SELE](#)

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

Gene ID [6401](#)

mRNA Refseq [NM_000450](#)

Protein Refseq [NP_000441](#)

MIM [131210](#)

UniProt ID [P16581](#)

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