

## Active Recombinant Human Selectin E

**Cat. No.** SELE-2638H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Selectin E consisting of 535 amino acids is expressed in <i>CHO</i> cells.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Description</b>	E-selectin, also known as CD62E, is a cell adhesion molecule expressed only on endothelial cells activated by cytokines. Like other selectins, it plays an important part in inflammation. In humans, E-selectin is encoded by the SELE gene. E-selectin recognizes and binds to sialylated carbohydrates present on the surface proteins of certain leukocytes. These carbohydrates include members of the Lewis X and Lewis A families found on monocytes, granulocytes, and T-lymphocytes.
<b>Form</b>	Lyophilized.
<b>Formulation</b>	Lyophilized from Dulbecco"s PBS with stabilizer.
<b>Molar Mass</b>	58800 Da.
<b>Biological Activity</b>	Shown to bind to E-selectin ligands on U937 cells.
<b>Purity</b>	≥95% by SDS-PAGE.
<b>Storage</b>	≤ -20oC. Ship: Dry Ice Only.

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## GENE INFORMATION

<b>Gene Name</b>	SELE selectin E [ Homo sapiens ]
<b>Synonyms</b>	SELE; selectin E; CD62 antigen-like family member E; E-selectin; ELAM-1; OTTHUMP00000032746; OTTHUMP00000032747; OTTHUMP00000032748; OTTHUMP00000032749; endothelial adhesion molecule 1; endothelial leukocyte adhesion molecule 1; leukocyte endothelial cell adhesion molecule 2; leukocyte-endothelial cell adhesion molecule 2; ELAM; ESEL; CD62E; ELAM1; LECAM2
<b>Gene ID</b>	6401
<b>mRNA Refseq</b>	NM_000450
<b>Protein Refseq</b>	NP_000441
<b>MIM</b>	131210
<b>UniProt ID</b>	P16581
<b>Chromosome Location</b>	1q22-q25
<b>Pathway</b>	Cell adhesion molecules (CAMs); Malaria
<b>Function</b>	binding; oligosaccharide binding; phospholipase binding; sialic acid binding; sugar binding; transmembrane receptor activity

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