

## Recombinant Human SELE Protein, His-tagged

Cat. No. SELE-128H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SELE Protein with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-556 a.a.
<b>Description</b>	<p>Selectins, also designated CD62 antigens, comprise a family of carbohydratebinding proteins involved in mediating cellular interactions with leukocytes. L-Selectin (also designated LECAM-1 or CD62L) is expressed on the majority of B and naive T cells and on most monocytes, neutrophils and eosinophils. L-Selectin interacts with specific carbohydrates expressed by activated endothelial cells. P-Selectin (also designated GMP-140 or CD62P), expressed on activated platelets and endothelial cells, and E-Selectin (also designated ELMA-1 or CD62E), expressed on endothelial cells, exhibit overlapping ligand specificities. E-Selectin is expressed by 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.</p>
<b>Molecular Mass</b>	~62 kDa
<b>AA Sequence</b>	<p>MWSYNTSTEAMTYDEASAYCQQRYTHLVAIQNKKEEIEYLNSILSYSPSYWIGIRKVN            NVVVVWGTQKPLTEEAKNWAPGEPNNRQKDEDCVEIYIKREKDVGMWNDERCSK            KKLALCYTAACNTNTSCSGHGECVETINNYTCKCDPGFSGLKCEQIVNCTALESPEHG</p>

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SLVCSHPLGNFSYNSSCSISCDRGYLPSSMETMQCMSSGEWSAPIPACNVVECDA  
 VTNPANGFVECFQNPGSFPWNTTCTFDCEEGFELMGAQSLQCTSSGNWDNEKPT  
 CKAVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCEEGLQGPQAVECTTQG  
 QWTQQIPVCEAFQCTALSNPERGYMNCPLPSASGSFRYSSCEFSCEQGFVLKGSK  
 RLQCGPTGEWDNEKPTCEAVRCDVHQPPLGLVRCVCAHSPIGEFTYKSSCAFSCEE  
 GFELHGSTQLECTSQGQWTEEVPSQCQVVKCSSLAVPGKINMSCSGEPVFGTVCKF  
 ACPEGWTLNGSAARTCGATGHWSGLLPTCEAPTESNIP

**Purity**

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

**Notes**

For research use only, not for use in diagnostic procedure.

**Storage**

Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

**Storage Buffer**

PBS, 4M Urea, pH7.4

## GENE INFORMATION

**Gene Name**

SELE selectin E [ *Homo sapiens* (human) ]

**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

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<b>mRNA Refseq</b>	NM_000450
<b>Protein Refseq</b>	NP_000441
<b>MIM</b>	131210
<b>UniProt ID</b>	P16581

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