

## Recombinant Human SELE Protein, His-tagged

**Cat. No.** SELE-189H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SELE fused with His tag at C-terminal was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of PBS, 4% Mannitol, pH7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 58.6kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | WSYNTSTEAMTYDEASAYCQQRVTHLVAIQNKKEIEYLNLSILSYSPSYWIGIRKVNN<br>VWWVGTQKPLTEEAKNWAPGEPNNRQKDEDCVEIYIKREKDVGMWNDERCSKK<br>KLALCYTAACNTNTSCSGHGECVETINNYTCKCDPGFSGLKCEQIVNCTALESPEHGS<br>LVCSHPLGNFSYNSSCSISCDRGYLPSSMETMQCMSSGEWSAPIPACNVVECDAVT<br>NPANGFVECFQNPGSFPWNTTCTFDCEEGLFELMGAQSLQCTSSGNWDNEKPTCK                                                                                                                                                                                                                                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AVTCRAVRQPQNGSVRCSHSPAGEFTFKSSCNFTCEEGLQGPQVECTTQGG  
 WTQQIPVCEAFQCTALSNPERGYMNCPLPSASGSFRYGSSCEFSCEQGFVLKGSKR  
 LQCGPTGEWDNEKPTCEAVRCDVHQPPLGLVRCAHSPIGFTYKSSCAFSCEEG  
 FELHGSTQLECTSQGQWTEEVPSQVVKCSSLAVPGKINMSCSGEPVFGTVCKFA  
 CPEGWTLNGSAARTCGATGHWSGLLPTCEAPTESNIPVDHHHHHH

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                |           |
|----------------|-----------|
| Protein Refseq | NP_000441 |
| MIM            | 131210    |
| UniProt ID     | P16581    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA