

# Active Recombinant Human SELE protein, hFc-tagged, Low Endotoxin

**Cat. No.** SELE-4633H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SELE protein(P16581)(Trp22-Pro556), fused with C-terminal hFc tag, was expressed in HEK293.                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 22-556 aa                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                 |
| <b>Bio-activity</b>     | Immobilized Human E-Selectin, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-E-Selectin Antibody, hFc Tag with the EC50 31.4ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 85.4 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Bis-Tris PAGE result.                                                           |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                    |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                              |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3                                                                                                              |

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## 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](#)

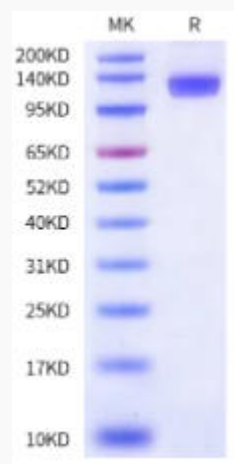
**UniProt ID** [P16581](#)

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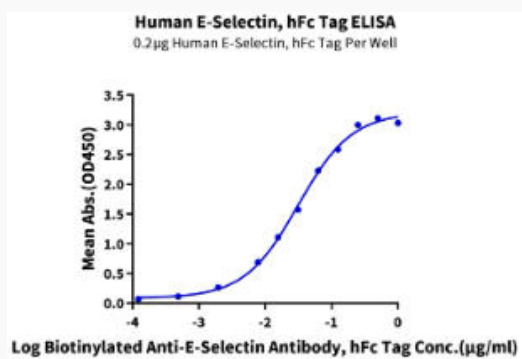
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## Bis-Tris PAGE



## ELISA Data



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