

# Human SELL/CD62L Protein

Cat. No. SEL-HM20L



## Description

|                         |                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source</b>           | Recombinant Human SELL/CD62L Protein is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.                                 |
|                         | It contains Trp39-Asn332.                                                                                                            |
| <b>Accession</b>        | P14151-1                                                                                                                             |
| <b>Molecular Weight</b> | The protein has a predicted MW of 58.98 kDa. Due to glycosylation, the protein migrates to 85-105 kDa based on Bis-Tris PAGE result. |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                             |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE                                                                                                 |
|                         | > 90% as determined by HPLC                                                                                                          |

## Formulation and Storage

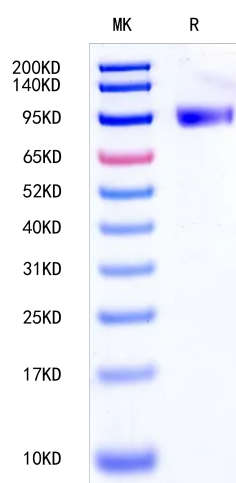
|                       |                                                                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>    | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                         |
| <b>Reconstitution</b> | Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.                                                                                             |
| <b>Storage</b>        | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## Background

L-selectin (CD62L) is a type-I transmembrane glycoprotein and cell adhesion molecule that is expressed on most circulating leukocytes. Since its identification in 1983, L-selectin has been extensively characterized as a tethering/rolling receptor. There is now mounting evidence in the literature to suggest that L-selectin plays a role in regulating monocyte protrusion during transendothelial migration (TEM).

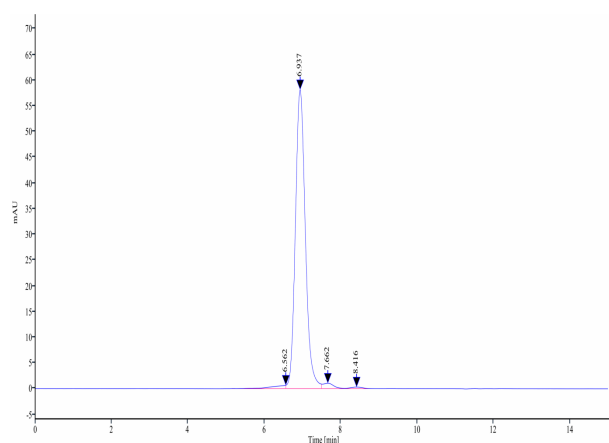
## Assay Data

### Bis-Tris PAGE



Human SELL on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Human SELL is greater than 90% as determined by SEC-HPLC.