

# Active Recombinant Human SELP protein, His-tagged

**Cat. No.** SELP-474H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human SELP protein(P16109)(Trp42-Ala771) is expressed from HEK293 with His tag at the C-terminus.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 42-771 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).                                                                                                                                                             |
| <b>Bio-activity</b>     | Immobilized Human P-Selectin, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-P-Selectin Antibody, hFc Tag with the EC50 of 4.8ng/ml determined by ELISA.                                     |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 81.05 kDa. Due to glycosylation, the protein migrates to 110-140 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 > 95% as determined by HPLC                                                                                                                                                        |
| <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. |

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

## GENE INFORMATION

**Gene Name** SELP selectin P (granule membrane protein 140kDa, antigen CD62) [ Homo sapiens ]

**Official Symbol** SELP

**Synonyms** SELP; selectin P (granule membrane protein 140kDa, antigen CD62); GRMP, selectin P (granule membrane protein 140kD, antigen CD62); P-selectin; CD62; CD62P; GMP140; PADGEM; PSEL; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; GRMP; LECAM3; FLJ45155;

**Gene ID** 6403

**mRNA Refseq** NM\_003005

**Protein Refseq** NP\_002996

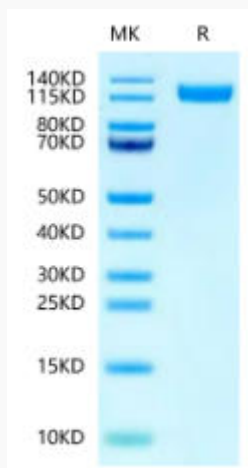
**UniProt ID** P16109

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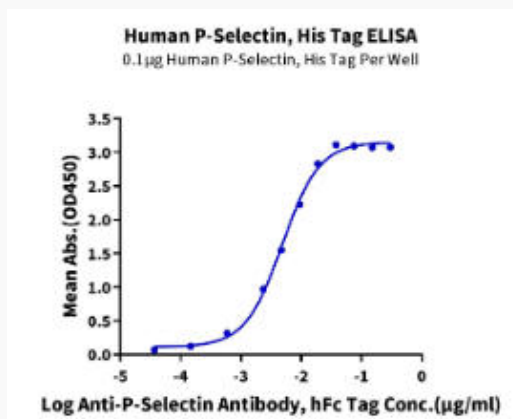
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## Bis-Tris PAGE



## ELISA Data



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