

PRODUCT INFORMATION

SELPLG Target

Synonyms PSGL-1, PSGL1, CD162, Selectin P ligand

Recombinant Cynomolgus SELPLG protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** A0A7N9CVJ8

Expression Host HEK293

Tag C-6×His Tag

Molecular

SELPLG(Leu34-Cys356) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 34.3 kDa after removal of the signal peptide.

Package 10 μg \$258.00 ; 50 μg \$969.00 ; 100 μg \$1421.00

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell adhesion molecules P-, E- and L- selectin expressed on myeloid cells and stimulated T lymphocytes. As such, this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein requires two post-translational modifications,

tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked glycans, for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with

defects in the innate and adaptive immune response. Alternate splicing results in multiple

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transcript variants.

Usage Research use only

Conjugate Unconjugated

Background



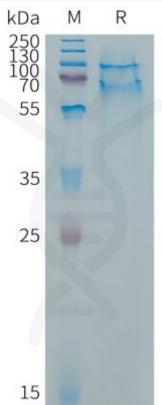


Figure 1. Cynomolgus SELPLG Protein, His Tag on SDS-PAGE under reducing condition.



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