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Datasheet for ABIN7538516

## SELPLG Protein (AA 34-356) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	SELPLG
Protein Characteristics:	AA 34-356
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SELPLG protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Cynomolgus SELPLG protein with C-terminal 6xHis tag
Specificity:	SELPLG (Leu34-Cys356) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	SELPLG
Alternative Name:	SELPLG ( <a href="#">SELPLG Products</a> )
Background:	This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell

## Target Details

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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 transcript variants.

Molecular Weight: predicted molecular mass of 34.3 kDa after removal of the signal peptide.

UniProt: [A0A7N9CVJ8](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



### SDS-PAGE

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