

SELPLG 抗原（重组蛋白）

中文名称： SELPLG 抗原（重组蛋白）

英文名称： SELPLG Antigen (Recombinant Protein)

别名： CLA; CD162; PSGL1; PSGL-1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 28-300 amino acids of human SELPLG

技术规格

Full name:	selectin P ligand
Synonyms:	CLA; CD162; PSGL1; PSGL-1
Swissprot:	Q14242
Gene Accession:	BC029782
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 i

immune response. Alternate splicing results in multiple transcript variants.