

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 immune response. Alternate splicing results in multiple transcript variants.