

Recombinant Human SELPLG

Catalog No: #GP10725



Package Size: #GP10725-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human SELPLG
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 28-300 amino acids of human selectin P ligand
Target Name	selectin P ligand
Other Names	CLA; CD162; PSGL1; PSGL-1
Accession No.	Swissprot:Q14242Gene Accession:BC029782
Uniprot	Q14242
GeneID	6404;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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