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Datasheet for ABIN1945375
SELPLG Protein (AA 42-307) (Fc Tag)

Overview

Quantity:	50 µg
Target:	SELPLG
Protein Characteristics:	AA 42-307
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SELPLG protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse P-Selectin Glycoprotein Ligand 1/PSGL-1/CD162 (C-Fc)
Sequence:	QVVGDDDFED PDYTYNTDPP ELLKNVTNTV AAHPELPTTV VMLERDSTSA GTSERATEKI ATTDPTAPGT GGTAVGMLST DSATQWSLTS VETVQPASTE VETSQPAPME AETSQPAPME AETSQPAPME ADTSKPAPTE AETSKPAPTE AETSQPAPNE AETSKPAPTE AETSKPAPTE AETTQLPRIQ AVKTLFTTSA ATEVPSTEPT TMETASTESN ESTIFLGPSV THLPDSSLKK GLIVTPGNSP APTLPGSSDL IPVKQCVDDI EGRMDEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYV LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSV MHE ALHNHYTQKS LSLSPGK
Characteristics:	Recombinant Mouse SELPLG is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 42-307) of Mouse SELPLG fused with a FC tag at the C-terminus.

Product Details

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	SELPLG
Alternative Name:	SELPLG (SELPLG Products)
Background:	<p>P-selectin glycoprotein ligand 1 is the high affinity counter-receptor for P-selectin on expressed on activated endothelial cells and platelets. As such, it plays a critical role in the tethering of these cells to activated platelets or endothelia expressing P-selectin. As cell adhesion molecules, multiple studies have shown that PSGL-1/ P-selectin interaction is required for the normal recruitment of leukocytes during inflammatory reactions, and also participates in hemostatic responses. PSGL-1 can also bind to other two members of the selectin family, E-selectin (endothelial) and L-selectin (leukocyte), but binds best to P-selectin.</p>
Molecular Weight:	54.7 kDa
UniProt:	Q62170

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>