

32-8019: Recombinant Mouse P-Selectin Glycoprotein Ligand 1/PSGL-1/CD162 (C-Fc)(Discontinued)

Gene : Selplg
Uniprot ID : Q62170

Description

Source: Human Cells.
MW :54.7kD.

Recombinant Mouse P-selectin glycoprotein ligand 1 is produced by our Mammalian expression system and the target gene encoding Gln42-Cys307 is expressed with a Fc tag at the C-terminus. 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.

Product Info

Amount : Fc) / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QVVGDDDFEDPDYTYNTDPELLKNVTNTVAAHPELPTTVMLERDSTSAGTSEERATEKIATTDPTAPGTGGTA VGMLSTDSATQWSLTSVETVQPASTEVEVTSQPAPMEAETSQPAPMEAETSQPAPMEADTSKPAPTEAETSKPA PTEAETSQPAPNEAETSKPAPTEAETSKPAPTEAETTQLPRIQAVKTLFTTSAATEVPSTEPTTETASTESNESTI FLGPSVTHLPDPSGLKGLIVTPGNPAPTLPGSSDLIPVKQCVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPS VFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD WLNQKEYKCKVSNKALPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQ PENNYKTTTPVLDSDGSSFFLYSKLTVDKSRWQQGNVFCFVSMHEALHNHYTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.