

Recombinant Mouse SELPLG Protein

Catalog #	Source	Reactivity	Applications
CRP2253	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse SELPLG Protein is produced by our mammalian expression system and the target gene encoding Gln42-Cys307 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol SELPLG

Alternative Names P-selectin glycoprotein ligand 1; PSGL-1; Selectin P ligand; CD162

Entrez Gene 20345 (Mouse)

SwissProt Q62170 (Mouse)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure QVVGDDDFED PDYTYNTDPP ELLKNVTNTV AAHPPELPTTV VMLERDSTSA GTSERATEKI
 ATTDPTAPGT GGTAVGMLST DSATQWSLTS VETVQPASTE VETSQPAPME AETSQPAPME
 AETSQPAPME ADTSKPAPTE AETSKPAPTE AETSQPAPNE AETSKPAPTE AETSKPAPTE
 AETTQLPRIQ AVKTLFTTSA ATEVPSTEPT TMETASTESN ESTIFLGPSV THLPDSGLKK
 GLIVTPGNP APTLPGSSDL IPVKQCVDDI EGRMDEPKSC DKTHTCPPCP APELLGGPSV
 FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY
 RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSREEMTK
 NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG
 NVFSCSV MHE ALHNHYTQKS LSLSPGK

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

Directions for Use 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

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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