

Recombinant Human CD162 Protein

Catalog #	Source	Reactivity	Applications
CRP2612	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CD162 Protein is produced by mammalian expression system and the target gene encoding Thr44-Gly295 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH7.5.

Gene Symbol SELPLG

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

Entrez Gene 6404 (Human)

SwissProt Q14242 (Human)

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

Chemical Structure TEYEYLDYDF LPETEPPEML RNSTDTTPLT GPGTPESTTV EPAARRSTGL DAGGAVTELT
 TELANMGNLS TDSAAMEIQT TQPAATEAQT TQPVPTEAQT TPLAATEAQT TRLTATEAQT
 TPLAATEAQT TPPAATEAQT TQPTGLEAQT TAPAAMEAQT TAPAAMEAQT TPPAAMEAQT
 TQTTAMEAQT TAPEATEAQT TQPTATEAQT TPLAAMEALS TEPsATEALS MEPTTKRGLF
 IPFSVSSVTH KGIEGRMDPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE
 VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV
 LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL
 VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM
 HEALTHNHYTQ KSLSLSPGK

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 ddH₂O. 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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