

Recombinant Mouse CD62P Protein

Catalog #	Source	Reactivity	Applications
CRP2927	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CD62P Protein is produced by mammalian expression system and the target gene encoding Trp42-Ala709 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	SELP
Alternative Names	GMRP; GRMP; P-selectin; CD62 antigen-like family member P; Granule membrane protein 140; GMP-140; Leukocyte-endothelial cell adhesion molecule 3; LECAM3; Platelet activation dependent granule-external membrane protein; PADGEM; CD62P
Entrez Gene	20344 (Mouse)
SwissProt	Q01102 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	WTYNYSTKAY SWNNSRVFCR RHFTDLVAIQ NKNEIAHLND VIPFFNSYYW IGIRKINNKW TWVGTNKTLT EEAENWADNE PNNKKNQDC VEIYIKNSA PGKWNDPCF KRKRALCYTA SCQDMSCSNQ GECIETIGSY TCSCYPGFYG PECEYVKECG KVNIPQHVLN NCSHPLGEFS FNSQCTFSCA EGYELDGPGE LQCLASGIWT NNPPKCDVAVQ CQSLEAPPHG TMACMHPIAA FAYDSSCKFE CQPGYRARGS NTLHCTGSGQ WSEPLPTCEA IACEPPEIPI HGSMDVCVST GTFGYNSSCT FLCAEGFVLK GNDAIQCADS GQWTAPAPFC EALQCPEFPV PSKAQVNCSD PFGTLTYQSV CSFSCDEGSL LVGASVIRCL ATGHWNGAPP ECQAVSCAPM LSPENGSMTC VQPLGNSTYK STCQFMCDEG FYLSGPERLD CSPSGHWTGT PPTCEAIKCP GIFAPEQGNL DCSHVHGEFG VGSICHFSCN EDFELLGSEN VECTVSGRWS APPPTCKGIT SLPAPAVRCP ALTTPGQGTM SCQHHLGSGF PNTTCYFGCK TGFTLRGANS LRCRASGQWT AVTPMCRAVK

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

CSELHMDTAV AMNCSNPWGN FSYGSTCTFQ CPEGQSLNGS VRATCREDGH
WSDAMPTCQA GTLTIQEADI EGRMDEPKSC DKHTHTCPPCP APELLGGPSV FLFPPKPKDT
LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH
QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSREEMTK NQVSLTCLVK
GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE
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 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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