

Recombinant Human PLXDC1 Protein

Catalog #	Source	Reactivity	Applications
CRP2118	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human PLXDC1 Protein is produced by our Mammalian expression system and the target gene encoding Leu19-Thr426 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.2

Gene Symbol PLXDC1

Alternative Names TEM3; TEM7; Plexin domain-containing protein 1; Tumor endothelial marker 3; Tumor endothelial marker 7

Entrez Gene 57125 (Human)

SwissProt Q8IUUK5 (Human)

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

Chemical Structure LSPQPGAGHD EPGSGWAAK GTVRGWNRRA RESPGHVSEP DRTQLSQDLG
GGTLAMDTLP DNRTRVVEDN HSYVSRLYG PSEPHSRELW VDVAEANRSQ VKIHTILSNT
HRQASRVVLS FDFPFYGHPL RQITMATGGF IFMGDVIHRM LTATQYVAPL MANFNPGYSD
NSTVVYFDNG TVFVVQWDHV YLQGWEDKGS FTFQAALHHD GRIVFAYKEI PMSVPEISS
QHPVKTGLSD AFMILNPSPD VPESRRRSIF EYHRIELDPS KVTSMSAVEF TPLPTCLQHR
SCDACMSSDL TFNCSWCHVL QRCSSGFDRY RQEWMDYGCA QEAEGRMCED
FQDEDHDSAS PDTSFSPYDG DLTTTSSSLF IDSLTTEDDT KLNPYAGGDG LQNNLSPKTK
GTPVHLGTVD HHHHHH

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

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

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

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the 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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