

Recombinant Human PDGFRB Protein

Catalog #	Source	Reactivity	Applications
CRP2079	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human PDGFRB Protein is produced by our Mammalian expression system and the target gene encoding Leu33-Phe530 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol PDGFRB

Alternative Names PDGFR; PDGFR1; Platelet-derived growth factor receptor beta; PDGF-R-beta; PDGFR-beta; Beta platelet-derived growth factor receptor; Beta-type platelet-derived growth factor receptor; CD140 antigen-like family member B; Platelet-derived growth factor recep

Entrez Gene 5159 (Human)

SwissProt P09619 (Human)

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

Chemical Structure LVVTPPGPEL VLNVSSTFVL TCSGSAPVWV ERMSQEPPQE MAKAQDGTFS SVLTLTNTLG LDTGEYFCTH NDSRGLETDE RKRLYIFVPD PTVGFLPNDA EELFIFLTEI TEITIPCRVT DPQLVVTLHE KKG DVALPVP YDHQRGFFGI FEDRSYICKT TIGDREVDSD AYYVYRLQVS SINVSNAVQ TVVRQGENIT LMCIVIGNEV VNF EWTPYPRK ESGRLVEPVT DFLLDMPYHI RSILHIPS AE LEDSGTYTCN VTESVNDHQD EKAINITVVE SGYVRLLEGEV GTLQFAELHR SRTLQVVFEA YPPPTVLWFK DNRTLGDSSA GEIALSTRNV SETRYVSELT LVRVKVAEAG HYTMRAFHE D AEVQLSFQLQ INVPVRVLEL SESH PDSGEQ TVR CRGRGMP QPNIIWSACR DLKRCPRELP PTLGNSSEE ESQLETNVTY WEEEQEF EVV STLRLQHVDR PLSVRCTLRN AVGQDTQEVI VVPHSLPFVD HHHHHH

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

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 recommended to reconstitute to a concentration less than 100 μ g/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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