

Recombinant Human PDGFR alpha Protein

Catalog #	Source	Reactivity	Applications
CRP2788	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human PDGFR alpha Protein is produced by mammalian expression system and the target gene encoding Gln24-Glu524 is expressed with a 6His at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	PDGFRA
Alternative Names	PDGFR2; RHEPDGFRA; Platelet-derived growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; Platelet-derived growth factor alpha receptor; Platelet-derived growth factor receptor 2; PDGFR-2; CD140a
Entrez Gene	5156 (Human)
SwissProt	P16234 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QLSLPSILPN ENKVVQLNS SFSLRCFGES EVSWQYPMSE EESSDVEIRN EENNSGLFVT VLEVSSASAA HTGLYTCYYN HTQTEENELE GRHIYIYVPD PDVAFVPLGM TDYLVIVEDD DSAIIPCRTT DPETPVTLHN SEGVVPASYD SRQGFNGTFT VGPYICEATV KGKKFQTIPF NVYALKATSE LDLEMEALKT VYKSGETIVV TCAVFNNEVV DLQWYTPGEV KGKGITMLEE IKVPSIKLVY TLTVPEATVK DSGDYECAAR QATREVKEMK KVTISVHEKG FIEIKPTFSQ LEAVNLHEVK HFVVEVRAYP PPRISWLKNN LTLIENLTEI TTDVEKIQEI RYRSKCLKLR AKEEDSGHYT IVAQNEDAVK SYTFELLTQV PSSILDLVDD HHGSTGGQTV RCTAEGTPLP DIEWMICKDI KCCNNETSWT ILANNVSNII TEIHSRDRST VEGRVTFKAV EETIAVRCLA

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

KNLLGAENRE LKLVAPTLRS EHHHHHH

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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