

Recombinant Mouse PDGFR alpha Protein

Catalog #	Source	Reactivity	Applications
CRP3031	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse PDGFR alpha Protein is produced by mammalian expression system and the target gene encoding Leu25-Glu524 is expressed with a 6His tag 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	18595 (Mouse)
SwissProt	P26618 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	<p> LLLPSILPNE NEKIVQLNSS FSLRCVGESE VSWQHPMSEE DDPNVEIRSE ENNSGLFVTV LEVVNASAAH TGWYTCYYNH TQTDESEIEG RHIIYVPDP DMAFVPLGMT DSLVIVEEDD SAIIPCRTTD PETQVTLHNN GRLVPASYDS RQGFNGTFSV GPYICEATVK GRTFKTSEFN VYALKATSEL NLEMDARQTV YKAGETIVVT CAVFNNEVVD LQWTYPGEVR NKGITMLEEI KLPSIKLVYT LTVPKATVKD SGEYECAARQ ATKEVKEMKR VTISVHEKGF VEIEPTFGQL EAVNLHEVRE FVVEVQAYPT PRISWLKDNL TLIENLTEIT TDVQKSQETR YQSKLKLIRA KEEDSGHYTI IVQNEDDVKS YTFELSTLVP ASILDLVDDH HGSGGGQTVR CTAEGTPLPE IDWMICKHIK KCNNDTSWTV LASNVSNIIT ELPRRGRSTV EGRVSAKVE ETIAVRCLAK </p>

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

NNLSVVAREL KLVAPTLRSE HHHHHH

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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