

Human PDGF R alpha/PDGFRα Protein

HA210024



Product name:	Human PDGF R alpha/PDGFRα Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human PDGF R alpha/PDGFRα is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gln24-Glu524.[Accession P16234]
Background:	Platelet-derived growth factor is commonly known as a mitogen. Many research data suggest a role for PDGF-beta R in the mitogenic response of mesangial cells. There are four members of PDGF family known as PDGF-A chain, PDGF-B chain, PDGF-C chain and PDGF-D chain, which in active forms are dimers. As far as two receptors PDGF-alpha R and PDGF-beta R are known to bind PDGF.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	P16234
Predicted molecular mass:	The protein has a predicted MW of 59.2 kDa. Due to glycosylation, the protein migrates to 70-83 kDa based on Tris-Bis PAGE result
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

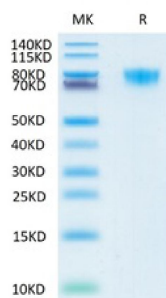


Fig1: Recombinant Human PDGF R alpha / PDGFRA Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

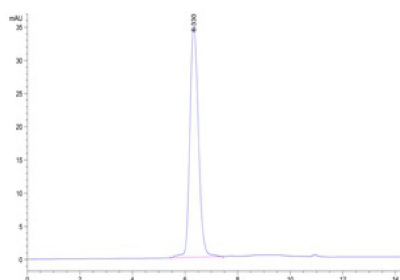


Fig2: The purity of Recombinant Human PDGF R alpha / PDGFRA Protein is greater than 95% as determined by SEC-HPLC.

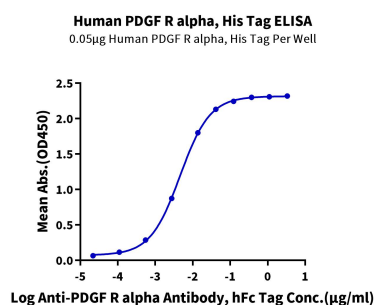


Fig3: Immobilized Human PDGF R alpha, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-PDGF R alpha Antibody, hFc Tag with the EC50 of 4.6ng/ml determined by ELISA.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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