

# Recombinant Human PDGFR $\alpha$ /CD140a Protein (His Tag)

RPES3757

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES3757

**Purity:** > 97 % as determined by reducing SDS-PAGE.

**Contents:** 100 $\mu$ g  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per  $\mu$ g of the protein as determined by the LAL method.

**Synonyms:** Alpha platelet-derived growth factor receptor, CD140 antigen-like family member A, CD140A, PDGFR-2, PDGFR-alpha, PDGFR2, Platelet-derived growth factor alpha receptor, Platelet-derived growth factor recepto, Platelet-derived growth factor receptor alpha, RHEPDGFRA

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** HEK293 Cells

**Bio-Activity:** Measured by its ability to bind human PDGFC-Fc in functional ELISA.

**Calculated MW:** 57.7 kDa

**Formulation:** Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 90-100 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** NP\_006197.1

**Source:** HEK293 Cells-derived Human PDGFRa/CD140a protein Met 1-Glu 524, with an C- terminal His

**Sequence:** Met 1-Glu 524

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.