

## 32-18338: Human PDGFRA Protein, His Tag

**Uniprot ID :** P16234

**Alternative Name :** CD140A; PDGFR2; PDGFR-2

### Description

**Description :** Recombinant human PDGFRA Protein with C-terminal 6 $\times$ His tag

**Background :** This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

**Molecular Characterization:** mass of 57.4 kDa after removal of the signal peptide. The apparent molecular mass of PDGFRA-His is approximately 100-130 kDa due to glycosylation.

**Tag :** C-6 $\times$ His tag

### Product Info

**Amount :** 50  $\mu$ g / 100  $\mu$ g

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

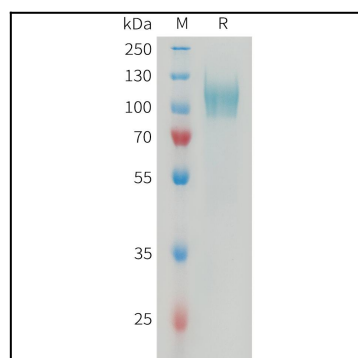


Figure 1. Human PDGFRA Protein, His Tag on SDS-PAGE under reducing condition.