# Human PDGFRA/CD140a (His & GST Tag) recombinant protein

Catalog Number: 503844



#### **General Information**

# Gene Name Synonym

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

#### **Protein Construction**

A DNA sequence encoding the human PDGFRA (P16234-1) (Gln551-Leu1089) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

#### **Activity**

The specific activity was determined to be 8 nmol/min/mg using MBP as substrate.

# **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

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

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70 $^{\circ}$ C

## Predicted N terminal

Met

#### Molecular Mass

The recombinant human PDGFRA /GST chimera consists of 776 amino acids and has a calculated molecular mass of 89.2 kDa. The recombinant protein migrates as an approximately 92 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

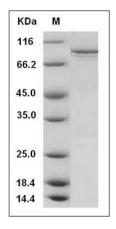
# **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

# **SDS-PAGE**



Human PDGFRa / CD140a Protein (His & GST Tag) SDS-PAGE