# **Human PEDF (His Tag) recombinant protein**

Catalog Number: 502487



# **General Information**

# Gene Name Synonym

Cell proliferation-inducing gene 35 protein; EPC-1; Serpin F1

#### **Protein Construction**

A DNA sequence encoding the human SERPINF1 (NP\_002606.3) (Met 1-Pro 418) was fused with a polyhistidine tag at the C-terminus.

## **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 98 % 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

Gln 20

# **Molecular Mass**

The secreted recombinant human SERPINF1 consists of 410 amino acids with the predicted molecular mass of 45.8 kDa as estimated in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

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

# **Usage Guide**

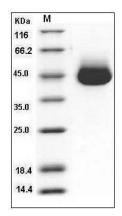
#### **Storage**

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 SerpinF1 / PEDF Protein (His Tag) SDS-PAGE