



普飞特  
PFT

北京普飞特生物技术有限公司

## Human Collagen, Type I, Alpha 1 (COL1A1)

**Species:** human

**Validated Application:** Elisa, Western blot, Dot blot

**Protein Form:** 1219 – 1464aa

**Recombinant Form:** Lyophilized Powder

**Purity:**  $\geq$  95% by SDS-PAGE

**Gene ID:**

1277

**Expressed Host:** *Ecoli* BL21(DE3)

**Gene Aliases:** N/B

**Product Size:** 100 $\mu$ g/tube

**Purification:** Ni-NTA Affinity

**Tag Position:** N-Terminal

**Purity:** > 90 % as determined by SDS-PAGE

**Bio-Activity:** The activity has not been tested

**Molecular Weight:**

30.9kDa

**Protein Tag or Fusion:**

His Tag

**Stability:**

Samples are stable for up to twelve months from date of receipt at -70 °C

**Formulation:**

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % trehalose and mannitol are added as protectants before lyophilization.

**Regulatory Statement:**

For Research Use Only. Not for use in diagnostic procedures.

### Usage Guide

**Storage:**

Store it under sterile conditions at -20°C to -80°C upon receiving.

Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**