

## Human FGF14 Protein (His Tag)

### General Information

**Cat:** NG-PT0025

**Name:** Fibroblast growth factor 14

**Gene Name:** FGF-14, Fibroblast growth factor homologous factor 4 (FHF-4)

**Source:** Human

**Lot No.:** 20251215

**Source:** Recombinant expression

**Tag:** C-terminal His tag

**Expression Host:** E. coli

**Form:** Liquid or Lyophilized powder

### Stability:

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

### Storage:

4°C for frequent usage, -70°C for long-term storage.

Avoid repeated freeze-thaw cycles.

### Tips:

The liquid samples usually form an inhomogeneous state after freezing and thawing. In order to get an uniform sample concentration, mix the sample gently with pipette and centrifuge it before use please. The 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilizaton.

### QC Testing

**Concentration:** 1.84 mg/ml (determined by A280)

**Purity:** > 95 % as determined by SDS-PAGE.

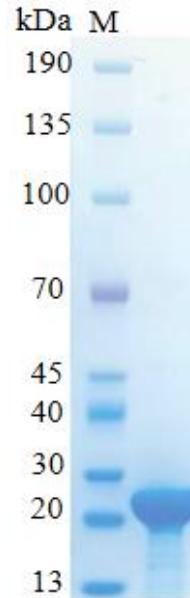
**Buffer:** Sterile 25 mM Tris-HCl, 300 mM NaCl, 2% Trehalose (pH 7.4)

**Predicted N terminal:** Met

### Molecular Mass:

The predicted molecular mass of FGF14 is 22.08 kDa.

### SDS-PAGE:



### Protein Description:

FGF14 is a member of the fibroblast growth factor (FGF) family. Members of this family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion.