

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 a 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 lyophilization.

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.