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## Recombinant Human FGF-14 protein(His Tag)

Catalog Number: PKSH034157

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Description

Species Human

Source E.coli-derived Human FGF-14 protein Ala 2-Thr 246, with an N-terminal His

Calculated MW 28.3 kDa
Observed MW 33 kDa
Accession Q92915

**Bio-activity** Measure by its ability to induce 3T3 cells proliferation. The  $ED_{50}$  for this effect is <21

ng/mL.

## **Properties**

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

**Endotoxin** < 0.1 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation** Lyophilized from sterile PBS, pH 7.4.

Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

**Reconstitution** Please refer to the printed manual for detailed information.

## **Background**

Probably involved in nervous system development and function.