

#### **Recombinant Human FGF-5**

Catalog # PBG10100

## **Specification**

#### Recombinant Human FGF-5 - Product Information

### Recombinant Human FGF-5 - Additional Information

# **Description**

FGF-5 is a secreted heparin binding growth factor that belongs to the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-5 binds to FGFR 1c and 2c, and plays a regulatory role in the hair growth cycle. Recombinant human FGF-5 is a 27.6 kDa protein consisting of 252 amino acid residues.

### **Biological**Activity

The <strong>ED</strong><sub>50</sub> as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF-receptors is  $\le$  0.5 ng/ml, corresponding to a specific activity of  $\ge$  2 x 10<sup>6</sup> units/mg.

## **Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

#### **Endotoxin**

Endotoxin level is  $<0.1 \text{ ng}/\mu\text{g}$  of protein ( $<1\text{EU}/\mu\text{g}$ ).

### **Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

### Storage

-20°C

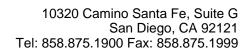
### **Precautions**

Recombinant Human FGF-5 is for research use only and not for use in diagnostic or therapeutic procedures.

# **Recombinant Human FGF-5 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture





**Recombinant Human FGF-5 - Images**