

### **Recombinant Human FGF-6**

Catalog # PBG10101

# Specification

### Recombinant Human FGF-6 - Product Information

### Recombinant Human FGF-6 - Additional Information

# **Description**

FGF-6 is a secreted heparin binding growth factor that is a member of 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-6 is expressed in leukemia cell lines with platelet megakaryocytic differentiation potential. It signals through FGFR 1c, 2c, and 4. Recombinant human FGF-6 is an 18.7 kDa protein consisting of 168 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  $\leq 0.5$  ng/ml, corresponding to a specific activity of  $\geq 2 \times 10 <$ 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

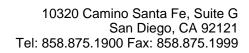
### Precautions

Recombinant Human FGF-6 is for research use only and not for use in diagnostic or therapeutic procedures.

### **Recombinant Human FGF-6 - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety





• <u>Cell Culture</u> Recombinant Human FGF-6 - Images