

### Recombinant Human SCGF-B

Catalog # PBG10402

# Specification

## Recombinant Human SCGF-β - Product Information

## Recombinant Human SCGF-β - Additional Information

## **Description**

SCGF- $\alpha$  and - $\beta$  are hematopoietic growth factor that exerts their activity at early stages of hematopoiesis. The SCGFs are non-glycosylated species-specific cytokines that can support growth of primitive hematopoietic cells, and in combination with EPO or GM-CSF, promote proliferation or erthroid or myeloid progenitors, respectively. Recombinant human SCGF- $\beta$  is a 25.0 kDa polypeptide containing 227 amino acid residues.

### **Biological**Activity

Determined by its inhibitory effect on the proliferation of TF-1 cells previously grown in media containing GM-CSF. The <strong>ED</strong><sub>50</sub> for this effect was observed at 7 ng/ml.

### **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

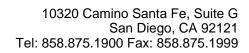
### **Precautions**

Recombinant Human SCGF- $\beta$  is for research use only and not for use in diagnostic or therapeutic procedures.

# Recombinant Human SCGF-β - 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 SCGF-β - Images**