

Recombinant Human SCGF- β
Catalog # PBG10402**Specification**

Recombinant Human SCGF- β - Product Information**Recombinant Human SCGF- β - Additional Information****Description**

SCGF- α and - β 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- β 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 ED_{50} 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 ng/ μg 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- β 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 Cytometry](#)
- [Cell Culture](#)

Recombinant Human SCGF- β - Images