

Recombinant Human SCGF-a

Catalog # PBG10401

Specification

Recombinant Human SCGF-α - Product Information

Recombinant Human SCGF-α - 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- α is a 33.9 kDa polypeptide containing 305 amino acid residues.

BiologicalActivity

Determined by its inhibitory effect on the proliferation of TF-1 cells previously grown in media containing GM-CSF. The ED₅₀ for this effect was observed at 2.5 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

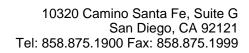
Precautions

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

Recombinant Human SCGF-α - 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- α - Images