

Recombinant Human SCGF- α
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.

Biological Activity

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 ng/ μ g of protein (<1EU/ μ g).

Protein Content

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

Storage

-20°C

Precautions

Recombinant Human SCGF- α 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 Cytometry](#)
- [Cell Culture](#)

Recombinant Human SCGF- α - Images