

32-20218: Recombinant Human SCGF-Alpha(Discontinued)

Alternative Name : Stem Cell Growth Factor-Alpha

Description

Source:E.coli

SCGF-Alpha and -Beta are hematopoietic growth factors that exert 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 of erythroid or myeloid progenitors, respectively. Recombinant Human SCGF-Alpha is a 33.9 kDa polypeptide containing 305 amino acid residues.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Amino Acid : GHGARGAER EWEGGWGGAQ EEEREREALM LKHLQEALGL PAGRGDENPA GTVEGKEDWE
MEEDQGESEE EEATPTPSSG PSPSPTPEDI VTYILGRLAG LDAGLHQLHV RLHALDTRVV ELTQGLRQLR
NAAGDTRDAV QALQEAQGRA EREHGRLEGK LKGLRLGHKC FLLSRDFEAQ AAAQARCTAR
GGSLAQPADR QQMEALTRYL RAALAPYNWP VWLGVHRRRA EGLYLFENGQ RVSFFAWHRS
PRPELGAQPS ASPHPLSPDQ PNGGTLENCV AQASDDGSWW DHDCQRRLLY VCEFPF

Application Note

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 ≤ 2.5 ng/ml.