

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
MEEDQGEEEE EEATPTPSSG PSPSPTPEDI VTYILGRLAG LDAGLHQLHV RLHALDTRVV
ELTQGLRQLR NAAGDTRDAV QALQEAQGRA EREHGRLEGC LKGLRLGHKC FLLSRDFEAQ
AAAQARCTAR GGSQAQPADR QQMEALTRYL RAALAPYNWP VWLGVHDDRRA 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} effect was observed at ≤ 2.5 ng/ml.