

32-20219: Recombinant Human SCGF-Beta(Discontinued)

Reactivity : Human
Alternative Name : Stem Cell Growth Factor-Beta

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-Beta is a 25.0 kDa polypeptide containing 227 amino acid residues.

Product Info

Amount : 2 µg / 10 µg

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

Amino Acid : MGHGARGAER EWEGGWGGAQ EEEREREALM LKHLQEALGL PAGRGDENPA GTVEGKEDWE
MEEDQGEIII EEATPTPSSG PPSPTPEDI VTYILGRLAG LDAGLHQLHV RLHALDTRVV ELTQGLRQLR
NAAGDTRDAV QALQEAQGRA EREHGRLEGC LKGLRLGHKC FLLSRDFEAQ PSASPHPLSP
DQPNGGTLEN CVAQASDDGS WWDHDCQRRL YYVCEFPF

Application Note

Determined IC_{50} by the dose-dependent stimulation of the IC_{50} proliferation of TF-1 cells previously grown in media containing GM-CSF. The IC_{50} ED₅₀ for this effect was observed at ≤ 7 ng/ml.