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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 MEEDQGEEEE EEATPTPSSG PSPSPTPEDI VTYILGRLAG LDAGLHQLHV RLHALDTRVV ELTQGLRQLR NAAGDTRDAV QALQEAQGRA EREHGRLEGC LKGLRLGHKC FLLSRDFEAQ PSASPHPLSP DQPNGGTLEN CVAQASDDGS WWDHDCQRRL YYVCEFPF

Application Note

Determined ÃÂ by the dose-dependent stimulation of theÃÂ proliferation of TF-1 cells previously grown in media containing GM-CSF. TheÃÂ ED_{50} for this effect was observed at <= 7 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.