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G-CSF, Human, Recombinant, E.coli

产品货号: TP02167

第三版

别名:Granulocyte-colony stimulating factor, Pluripoietin, CSF3

描述:Human granulocyte colony-stimulating factor(hG-CSF) is one of the hematopoietic growth factors which plays an important role in stimulating proliferation, differentiation, and functional activation of blood cells.In addition to its effect on hematopoiesis, G-CSF also enhances neutrophil functions against bacteria, fungi, and tumor cells mediated by antibody-dependent cell-mediated cytotoxicity.

配方:Liquid. In Phosphate-buffered Saline(PBS), pH7.4

分子量:18.8kDa (175aa), confirmed by MALDI-TOF

序列:

MTPLGPASSLPQSFLKCLEQVRKIQGDGAALQEKLKCATYKLCHPPEELVLLGHSLGIPWAPLSSCPSQALQLAGCLSQLHSG
LFLYQGLLQALEGISPELGPTLDTLQLDVADFATTIWQQMEELGMAPALQPTQGAMPAFASAFQRRAGGVLVASHLQSFL
EVSYRVLRLAQP

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.