

G-CSF/ CSF3 (C-6His), Mouse, Recombinant

货号: PCK041

产品信息

别名 Granulocyte colony-stimulating factor; Csf3; G-CSF Pricella

物种 Mouse

表达宿主 Human Cells

序列信息 Val31-Ala208

检索号 P09920

分子量 19.8 kDa

标签 C-6His

产品特性

纯度 >95% as determined by reducing SDS-PAGE.

内毒素 <1.0 EU per µg as determined by LAL test.

保存 Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at -5~-20°C for 3 months.

运输 Ambient temperature or ice pack.

制剂 Lyophilized from a 0.2 µm filtered solution of 10mM Sodium Citrate, 0.1% Tween

20, pH 3.5.

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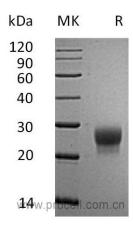
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml.Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Granulocyte colony-stimulating factor (G-CSF) is a Growth Factor and an essential Cytokine which belongs to the IL-6 superfamily. Granulocyte/ macrophage colony-stimulating factors are Cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. G-CSF binding to its Receptor G-CSF-R which belongs to the Cytokine Receptor type I family depends on the interaction of alpha-helical Motifs of the former and two fibronectin type III as well as an immunoglobulin-like domain of the latter. G-CSF is a Cytokine that have been demonstrated to improve cardiac function and perfusion in myocardial infarction. And it was initially evaluated as a stem cell mobilizer and erythropoietin as a cytoprotective agent.

SDS-PAGE



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