

## GM-CSF/CSF2/CSF, Human, Recombinant

货号: PCK035

## 产品信息

别名 colony stimulating factor 2, CSF2, CSF Pricella

物种 Human

表达宿主 E.coli

序列信息 APARSPSPSTQPWEHVNAIQEARRLLNLSRDTAAEMNETVEVISEMFDLQE

PTCLQTRLELYKQGLRGSLTKLKGPLTMMASHYKQHCPPTPETSCATQIITF

ESFKENLKDFLLVIPFDCWEPVQE with polyhistidine tag at the N-terminus.

检索号 P04141.1

分子量 15.4 kDa

标签 His-tag at the N-terminus

生物活性 Measure by its ability to induce TF-1 cells proliferation. The ED50 for this effect is

< 80 pg/mL. The specific activity of recombinant human GM-CSF is approximately

>1 x 10^7 IU/mg.

产品特性

>98% as determined by SDS-PAGE. Ni-NTA chromatography 纯度

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1% BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

8.0.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

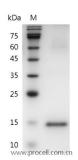
## 背景介绍

Granulocyte-macrophage colony-stimulating factor (GM-CSF), also known as colony-stimulating factor 2 (CSF2), is a monomeric glycoprotein secreted by macrophages, T cells, mast cells, natural killer cells, endothelial cells and fibroblasts that functions as a cytokine. GM-CSF also plays a role in embryonic development by functioning as an embryokine produced by reproductive tract.

r-squeuve tract.

**SDS-PAGE** 

普诺赛® | Pricella



普诺赛® | Pricella

网站: <u>www.procell.com.cn</u> 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋



