

## GM-CSF/CSF2/MGI-I/MGI-IGM, Mouse, Recombinant

货号: PCK038

产品信息

别名 colony stimulating factor 2, CSF2, CSF, Csfg, Csfgm, GMCS, GMCSF, Gm-CS,

Gm-CSf, MGI-I, MGI-IGM

物种 Mouse

表达宿主 E.coli

序列信息 APTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTCV

QTRLKIFEQGLRGNFTKLKGALNMTASYYQTYCPPTPETDCETQVTTYADF

IDSLKTFLTDIPFECKKPVQK with polyhistidine tag at the N-terminus.

检索号 Q14AD9

分子量 15.1 kDa

标签 His-tag at the N-terminus

生物活性 Measure by its ability to induce proliferation in FDC-P1 cells. The ED50 for this

effect is <50 pg/mL. The specific activity of recombinant mouse GM-CSF is

approximately  $>2 \times 10^7 \text{ IU/mg}$ .

产品特性

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

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

7.4.

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## 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.

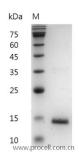
## 背景介绍

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** 

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