



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CSF2 (Human) Recombinant Protein

Entrez GeneID: 1437

**Catalog Number:** P9952

**Gene Symbol:** CSF2

**Regulation Status:** RUO grade

**Gene Alias:** GMCSF, MGC131935, MGC138897

**Product Description:** Human CSF2 recombinant protein with His tag at the N-terminus expressed in *Escherichia coli*.

**Gene Summary:** The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq]

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** Calculated MW: 15.4

**Regulatory Status:** RUO grade

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 98% by SDS-PAGE

**Endotoxin Level:** < 0.1 EU/ug

**Activity:** The ED<sub>50</sub> for this effect is < 80 pg/mL, measured by its ability to induce TF-1 cells proliferation. The specific activity of recombinant human GM-CSF is approximately > 1 x 10<sup>7</sup> IU/mg.

**Recommend Usage:** SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from PBS, pH 8.0.  
Reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of at least 200 ug/mL and incubate the stock solution for at least 20 min to ensure sufficient redissolution. Please use the protein within one month after reconstitution.

**Storage Instruction:** Store at -20°C for 12 months in lyophilized state.  
After reconstitution with deionized water, store at -20 or -80°C for 1 month.  
Aliquot to avoid repeated freezing and thawing.