



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### CSF2 (Human) Recombinant Protein

**Catalog Number:** P8741

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CSF2 recombinant protein expressed in *Pichia Pastoris*.

**Host:** Yeast

**Theoretical MW (kDa):** 26-32

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

**Form:** Lyophilized

**Preparation Method:** yeast expression system

**Purification:** chromatographic

**Purity:** > 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.

**Activity:** ED<sub>50</sub> < 0.183 ng/mL, measured by the dose-dependant stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line), corresponding to a specific activity of 5.5 x 10<sup>6</sup> IU/mg.

**Storage Buffer:** Protein (1 mg/mL) was lyophilized from a solution containing 10 mM phosphate buffer, pH 7.0, 40 mg mannitol, 10 mg sucrose. Reconstitute the lyophilized powder in ddH<sub>2</sub>O to 100 ug/mL.

**Storage Instruction:** Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 1437

**Gene Symbol:** CSF2

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

**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]