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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

www.szabo-scandic.com

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

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: ED₅₀ < 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 10⁶ 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 ddH₂O 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]