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Lieferung & Zahlungsart

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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

IL3 (Human) Recombinant Protein

Entrez GeneID: 3562

Catalog Number: P9953

Gene Symbol: IL3

Regulation Status: RUO grade

Gene Alias: IL-3, MCGF, MGC79398, MGC79399, MULTI-CSF

Product Description: Human IL3 recombinant protein with His tag at the C-terminus expressed in *Escherichia coli*.

Gene Summary: The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq]

Host: *Escherichia coli*

Theoretical MW (kDa): Calculated MW: 16

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 ED₅₀ for this effect is < 0.15 ng/mL, measured by its ability to induce TF-1 cells proliferation. The specific activity of recombinant human IL-3 is approximately > 1.2 × 10⁶ 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 H₂O 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.