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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) 

TECHNICALLY Speaking

Place your order with CEDARLANE® or your local distributor.
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Recombinant Mouse Interferon-Gamma (IFN- γ)

CLCYT358
CLCYT358-2
CLCYT358-3
Lot: 907MIFNG01

Description: Recombinant mouse Interferon-gamma produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 134 amino acids and having a molecular mass of 15601 Dalton. The rmIFN- γ is purified by proprietary chromatographic techniques.

Source: *Escherichia Coli*.

Presentation: 20 μ g (CLCYT358), 100 μ g (CLCYT358-2), or 1 mg (CLCYT358-3), sterile filtered white lyophilized (freeze-dried) powder. The protein was lyophilized from a 0.2 μ m filtered concentrated (1 mg/ml) solution in PBS, pH 7.4.

Solubility: It is recommended to reconstitute the lyophilized Interferon-gamma in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability: Lyophilized Interferon-gamma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution rmIFN-gamma should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please prevent freeze-thaw cycles.**

Purity:

Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Amino acid sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Met-His-Gly-Thr-Val.

Biological Activity: The specific activity as determined by the cytopathic affect inhibition assay with murine NIH 3T3 cells challenged with EMC virus was < 0.1 ng/ml, corresponding to a specific activity of 1 x 10⁷ Units/mg.

Laboratory Reagent For Research Use Only

JV 05/02/08

For more information or to place an order please contact...

CEDARLANE®
LABORATORIES LIMITED



toll free: 1-800-268-5058
in North America

phone: (905) 878-8891 • fax: (905) 878-7800

5516 - 8th Line, R.R.#2, Hornby, Ontario, CANADA L0P 1E0

or visit our website for a list of our international distributors including contact information
website: www.cedarlanelabs.com • e-mail: info@cedarlanelabs.com