

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	IFN-gamma, Mouse, Recombinant (CHO-derived)		
Catalog number	HC1020-01		
Lot number	-	Expiry date	-
Volume	Reconstitute with 1 ml distilled/de-ionized water	Activity	N.A.
Formulation	Lyophilized product in PBS, 100 µg mouse albumin and 0.01% gelatin	Amount	1.0 x 10 ⁵ Units
Host Species	Mouse, CHO-derived	Concentration	N.A.
Endotoxin	N.A.	Purification	N.A.
Storage	4°C	Purity	N.A.

Application notes

For dilutions use protein stabilized phosphate buffered saline, pH 8. (Do not use fresh serum).

General Information

Description	This glycosylated interferon is constitutively produced by Chinese Hamster Ovary (CHO) cells. The CHO cells have been transformed by a plasmid containing mouse coding sequences for gamma interferon as well as for dihydrofolate reductase. Biochemical analysis of CHO-derived mouse gamma interferon and gamma interferon as produced by mouse splenocytes revealed no structural differences. The major advantage of CHO-cell derived hi-pure recombinant mouse gamma interferon over natural mouse gamma interferon is the absence of contaminating lymphokines. This ensures that the effects observed in experimental results can be attributed exclusively to the hi-pure mouse gamma interferon used. One unit of Hycult Biotech Mouse Gamma Interferon approximates the bioactivity contained in one unit of the mouse gamma interferon standard prepared by NIH (Gg02-901-533).
References	1. Dijkmans, R et al; Molecular cloning of murine interferon gamma (MuIFN-gamma) cDNA and its expression in heterologous mammalian cells. J Interferon Res 1985, 5: 511
Storage&stability	Lyophilized product should be stored at 4°C. Store stock solution after reconstitution in aliquots at -20°C. Repeated freeze and thaw cycles and prolonged exposure to light will cause loss of activity. Under recommended storage conditions, product is stable for at least one year.
Precautions	Caution: vial is under vacuum. For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Robbert Zwinkels

Date
23/03/2018

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.