# M5 HiPer Recombinant Human IFN-γ 使用说明书

| 产品名称 | 单位 | 货号 |
|---|---|---|
| M5 HiPer Recombinant Human IFN-γ | 10μg | MFRP016-01 |

**Known as** Interferon Gamma, IFN-Gamma, Immune Interferon, IFNG

**Derived from** HEK293

**Purity**

Specific Activity is greater than 1.5 x 10^7 IU/mg.measured by a viral resistance assay using VSV-WISH cells.Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Formulation** Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.0.

**Shipping**

The product is shipped at ambient temperature.Upon receipt, store it immediately at the temperature listed below.

**Storage**

Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C for 2-7 days.Aliquots of reconstituted samples are stable at < -20°C for 12 months

**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100μg/ml.Dissolve the lyophilized protein in10X PBS.Please aliquot the reconstituted solution to minimize freeze-t cycles.

**Endotoxin** Less than 0.1 ng/ug (1 IEU/ug).

**Amino Acid Sequence**

QDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKNWKEESDRKIMQSQIVSFYFKLFKNFKDDQSIQKSVETIKEDMNV KFFNS NKKKRDDFEKLTNYSVTDLNVQRKAIHELIQVMAELSPAAKTGKRKRSQMLFRGRRASQ

**Background**

IFN γ is the major interferon produced by mitogenically or antigenically stimulated lymphocytes. It is structurally different from type I interferon and its major activity is immunoregulation. It has been implicated in the expression of class II histocompatibility antigens in cells that do not normally produce them, leading to autoimmune disease. Interferon gamma is produced mainly by T-cells and natural killer cells activated by antigens, mitogens, or alloantigens. It is produced by lymphocytes expressing the surface antigens CD4 and CD8. IFNγ synthesis is induced by IL-2, FGF-basic, and EGF.

Recombinant Human Interferon-γ/IFN-γis produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln24-Gln166) of Human IFN-γ.

【备注】
本产品仅供科研使用。在确认产品质量出现问题时，本公司承诺为客户免费更换等量的质量合格产品。