IFN-γ (human), (recombinant)

Human interferon-γ (IFN-γ) is an inflammatory cytokine secreted by T lymphocytes and natural killer (NK) cells. IFN-γ is primarily characterized as an activator of macrophages, and is the principle cytokine produced by CD4+ inflammatory TH1 cells. IFN-γ signals are transmitted via a heterodimeric IFNGR1/IFNGR2 receptor which activates transcription of immunoregulatory genes via the Jak/Stat pathway.

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Ordering Information

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ENZ-PRT141-0100	100µg

Manuals, SDS & CofA

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Handling & Storage

Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -80°C. For long term storage, it is recommended to dilute to working aliquots in a 0.1% BSA solution.
Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Interferon-γ
Endotoxin Content	≤1 EU/μg
Formulation	Lyophilized from 10mM sodium phosphate, pH 7.4.
MW	~16.8 kDa
Purity	≥98% (SDS-PAGE gel & HPLC)
Reconstitution	Reconstitute in sterile water at 1 mg/mL. Do not vortex.
Source	Produced in *E.coli*.
UniProt ID	P01579

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