

Recombinant Hamster Ifng Protein, Met1-Ile174, C-His tagged

Cat. No. Ifng-019H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster Ifng Protein (Met1-Ile174) with C-His tag was expressed in HEK293.
Species	Hamster
Source	HEK293
ProteinLength	Met1-Ile174
Description	Interferon gamma (IFN γ) is a dimerized soluble cytokine that is predominately produced by natural killer and natural killer T cells during the innate immune response and by T cells once antigen specific immunity develops. IFN γ is crucial for immunity against intracellular pathogens and for tumor control. The release of IFN γ is controlled mostly by the cytokines IL-12 and IL-18. Serum IFN γ levels have been shown to be elevated in active cases of systemic lupus erythematosus (SLE) and may be associated with the development of autoimmune diseases like SLE.
Form	Lyophilized
Molecular Mass	Predicted Molecular Mass: 21.5 kDa SDS-PAGE: 33.8 kDa
Purity	> 95% as analyzed by SDS-PAGE
Applications	ELISA and Western Blot Analysis

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Notes	For Research Use Only.
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
Storage Buffer	Lyophilized from 1×PBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% protein
GENE INFORMATION	
Gene Name	lfng interferon gamma [Cricetulus griseus (Chinese hamster)]
Official Symbol	lfng
Synonyms	lfng; interferon gamma; interferon gamma
Gene ID	100768486
mRNA Refseq	XM_035439009
Protein Refseq	XP_035294900
UniProt ID	O35497

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**Hamster IFN γ (2 μ g)
on a Coomassie
stained 4-12% SDS-
PAGE gel, reducing
conditions.**

118kDa-
98kDa-
62kDa-
49kDa-
38kDa-
28kDa-
14kDa-
6kDa-



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