

# Recombinant Full Length Hamster Ifng Protein, His tagged

Cat. No. IFNG-21H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Hamster Ifng Protein, Sourced from HEK293, Met1-Ile174, with C-terminal His Tag.
<b>Species</b>	Hamster
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-174 aa
<b>Description</b>	Interferon gamma (IFN $\gamma$ ) 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 $\gamma$ is crucial for immunity against intracellular pathogens and for tumor control. The release of IFN $\gamma$ is controlled mostly by the cytokines IL-12 and IL-18. Serum IFN $\gamma$ 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.
<b>Form</b>	Lyophilized from 1x PBS with Trehalose
<b>Molecular Mass</b>	21.5 kDa
<b>Purity</b>	>95% by SDS-PAGE
<b>Applications</b>	ELISA and Western Blot Analysis

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<b>Storage</b>	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. For long-term storage, store for up to 2 years at -20 centigrade and 5 years at -80 centigrade after reconstitution.
<b>Shipping</b>	Ambient
<b>Reconstitution</b>	Reconstitute in 25 µL in sterile PBS containing at least 0.1% protein.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ifng interferon gamma [ Mesocricetus auratus (golden hamster) ]</a>
<b>Official Symbol</b>	<a href="#">Ifng</a>
<b>Synonyms</b>	Ifng; interferon gamma; IFN-gamma; interferon gamma
<b>Gene ID</b>	<a href="#">101825431</a>
<b>mRNA Refseq</b>	<a href="#">NM_001281631</a>
<b>Protein Refseq</b>	<a href="#">NP_001268560</a>
<b>UniProt ID</b>	<a href="#">O35497</a>

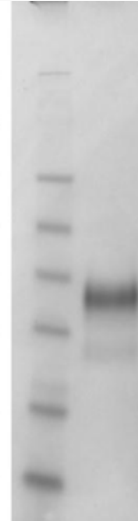
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**SDS-PAGE**

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



Hamster IFN $\gamma$  (2 $\mu$ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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