


**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. 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.

Description	
Source	HEK293, Met1-Lys187, with C-terminal His Tag
UniProt	A0A0F7KK83
Purity	>99% by SDS-PAGE
Predicted Molecular Mass	22.6 kDa
SDS-PAGE	24.8 kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 25 $\mu$ g/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	5 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 5 years at -80°C; 2 years at -20°C
Expiration	See lot specific CoA
<div> <div> 118kDa- 98kDa- 62kDa- 49kDa- 38kDa- 28kDa- 14kDa- 6kDa- </div>  </div>	
Ferret IFN $\gamma$ (2 $\mu$ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.	

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