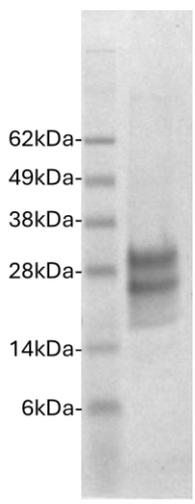


Interferon gamma (IFN γ) is a dimerized soluble cytokine that is predominately produced by natural killer and natural killer T cells during the innate immune response and by T cells once antigen specific immunity develops. IFN γ is crucial for immunity against intracellular pathogens and for tumor control. 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.

Description	
Source	HEK293 expressed Met1-Lys166 with a C-terminal His tag
UniProt	A4PIZ9
Purity	>90% by SDS PAGE
Predicted Molecular Mass	21.4kDa
SDS-PAGE	25.2-30.7kDa (glycosylated)
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 μ g/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	2 years from date of receipt
	
Ferret IFN γ (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.	

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Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.

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AMPERSAND BIOSCIENCES, LLC

6459 State Route 30, Lake Clear, NY 12945 | PHONE: (518) 891 0204 | info@ampersandbio.com

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