

Recombinant Bovine Interferon, Gamma

Cat. No. IFNG-130B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantBovine IFNG was expressed in COS-7 cells.	
Species	Bovine	
Source	COS-7 cells	
Description	IFNG is a cytokine producedprimarily by T-lymphocytes and natural killer cells. The protein shares nosignificant homology with IFN-β or the various IFN-α family protein. MatureIFNG exists as noncovalently-linked homodimers.	
Form	TissueCulture Supernatant from COS-7 cells expressing recombinant bovine IFNG–lyophilized.	
Application	ELISA; FunctionalAssays	
Buffer Solution	1% Bovine SerumAlbumin (BSA).	
Storage	Prior toreconstitution store at +4°C. Following reconstitution store at +4°C.Thisproduct should be stored undiluted. DO NOT FREEZE. Should this productcontain a precipitate we recommend microcentrifugation before use.	
nullValue_other	Pathways	Allograft rejection;Cytokine-cytokine receptor interaction; Graft-versus-host disea se; Jak-STATsignaling pathway; Natural killer cell mediated cytotoxicity; Proteaso me;Regulation of autophagy; Systemic lupus erythematosus; T cell receptorsignali ng pathway; TGF-beta signaling pathway; Type I diabetes mellitus

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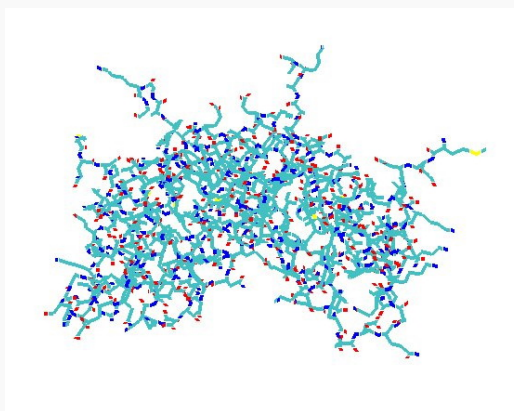
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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	IFNG interferon, gamma [Bostaurus]
Official Symbol	IFNG
Synonyms	IFNG; interferon, gamma;bolIFNG; IFN-gamma; interferon-gamma; interferon gamma type 2; interferongamma; Interferon gamma; BolIFNG
Gene ID	281237
mRNA Refseq	NM_174086
Protein Refseq	NP_776511
UniProt ID	P07353
Chromosome Location	5q22-q24

**Linerepresentation
of the
crystallographic
structure of
interferon gamma.**



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