Active Recombinant Bovine IFNG

Cat. No. IFNG-857B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine IFNG (Accession # NP_776511) Gln24-Thr166 & Gln24-Arg162, fused with an N-terminal Met, was produced in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Gln24-Thr166 & Gln24-Arg162
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured in an anti-viral assay using MDBK bovine kidney epithelial cells infected with vesicular stomatitis virus (VSV). Murkami, K. et al. (2001) Cytokine 13:18.The ED50 for this effect is typically 1.5 - 7.5 ng/mL.
Molecular Mass	Recombinant Bovine IFNG, Met-tagged has a calculated MW of 17 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	IFNG interferon, gamma [Bos taurus (cattle)]
Official Symbol	IFNG
Synonyms	interferon gamma; interferon gamma; IFN-gamma; boIFNG; interferon gamma type 2; interferon-gamma
Gene ID	281237
mRNA Refseq	NM_174086.1
Protein Refseq	NP_776511.1
MIM	
UniProt ID	P07353
Chromosome Location	5q22-q24

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