

## Recombinant Cattle IFNG protein, His-tagged

Cat. No. IFNG-800C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cattle IFNG aa. (Gln24~Thr166 (Accession # P07353)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Cattle
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln24~Thr166
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 18.4kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Characteristic</b>	The isoelectric point is 9.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative
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<b>Reconstitution</b>	Reconstitute in ddH <sub>2</sub> O.
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## GENE INFORMATION

<b>Gene Name</b>	IFNG interferon gamma [ Bos taurus (cattle) ]
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<b>Official Symbol</b>	IFNG
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<b>Synonyms</b>	IFNG; interferon gamma; IFN-gamma; boIFNG; interferon gamma type 2
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<b>Gene ID</b>	281237
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<b>mRNA Refseq</b>	NM_174086.1
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<b>Protein Refseq</b>	NP_776511.1
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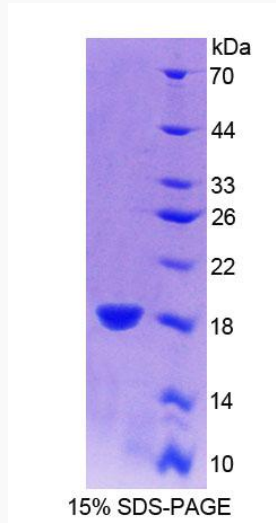
<b>UniProt ID</b>	P07353
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**SDS-PAGE**



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