

Recombinant Cattle IFNG protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Cattle IFNG aa. (Gln24~Thr166 (Accession # P07353)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Gln24~Thr166
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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.

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

GENE INFORMATION

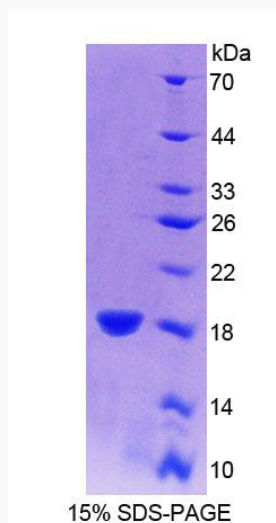
Gene Name	IFNG interferon gamma [Bos taurus (cattle)]
Official Symbol	IFNG
Synonyms	IFNG; interferon gamma; IFN-gamma; boIFNG; interferon gamma type 2
Gene ID	281237
mRNA Refseq	NM_174086.1
Protein Refseq	NP_776511.1
UniProt ID	P07353

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SDS-PAGE



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