

Recombinant Dog IFNG protein, His & T7-tagged

Cat. No. IFNG-801D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IFNG aa. (Gln24~Lys166 (Accession # P42161)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Gln24~Lys166
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.9.
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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

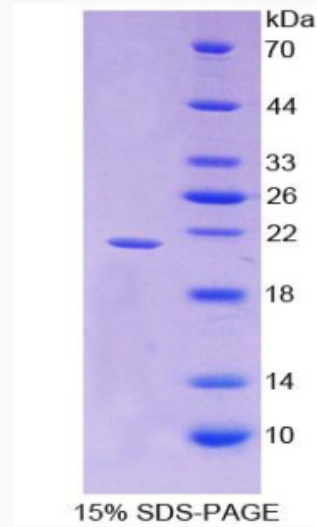
Gene Name	IFNG interferon gamma [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	IFNG
Synonyms	IFNG; IFN-G; IFN-gamma; interferon gamma
Gene ID	403801
mRNA Refseq	NM_001003174.1
Protein Refseq	NP_001003174.1
UniProt ID	P42161

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SDS-PAGE



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