

Datasheet for ABIN5854718

Interferon gamma Protein (IFNG) (AA 24-166)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Interferon gamma (IFNG)
Protein Characteristics:	AA 24-166
Origin:	Dog
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MQAMFFKEIE NLKEYFNASN PDVSDGGS LF VDILKKWREE SDKTIIQSQI VSFY LKLFDN FKDNQIIQRS MDTIKEDMLG KFLNSSTSKR EDFLKLIQIP VNDLQVQRKA INELIKVMND LSPRSNLRKR KRSQNLFRGR RASK
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFN-gamma/IFNG (IFNG Products)
Background:	IFNG also known as, Interferon gamma is a member of the type 2 interferon family. This protein is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. Mutations in this gene are associated with aplastic anemia.

Target Details

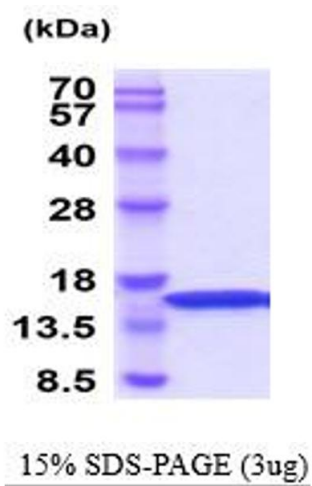
	Recombinant Canine IFNG was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	16.9 kDa (144aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001003174
UniProt:	P42161
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In phosphate buffered saline(pH 7.4) containing 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.