

Datasheet for ABIN7479106

Interferon gamma Protein (IFNG) (AA 24-166) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Interferon gamma (IFNG)
Protein Characteristics:	AA 24-166
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Interferon gamma protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QGPFFKEIEN LKEYFNASNP DVAKGGPLFS EILKNWKEES DKKIIQSQIV SFYFKLFENL KDNQVIQRSM DIIKQDMFQK FLNGSSEKLE DFKRLIQIPV DDLQIQRKAI NELIKVMNDL SPKSNLRKRK RSQNLFRGRR ASM
Specificity:	Ovis aries (Sheep)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Interferon gamma (IFNG)
Abstract:	IFNG Products

Target Details

Background:	Recommended name: Interferon gamma. Short name= IFN-gamma
Molecular Weight:	18.9 kD
UniProt:	P17773
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

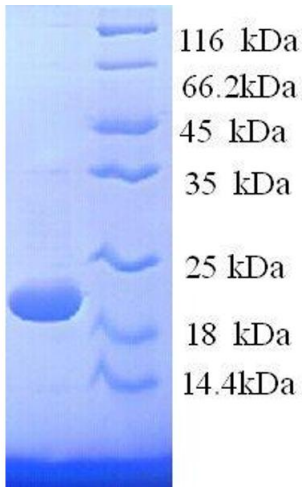
Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

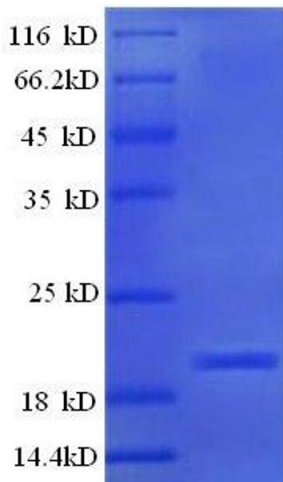
Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.



SDS-PAGE

Image 1. Interferon gamma (IFNG) (AA 24-166) protein (His tag)



SDS-PAGE

Image 2. Protein expressed in E.coli.