

Datasheet for ABIN666768

**IFNB1 Protein (AA 22-182) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	IFNB1
Protein Characteristics:	AA 22-182
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	Interferon beta 1, 22- 182 aa, Mouse, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	IFNB1
Alternative Name:	Interferon beta 1 ( <a href="#">IFNB1 Products</a> )
Background:	<p>Interferon beta 1, also known as IFN-beta, is produced mainly by fibroblasts and some epithelial cell types. IFN-beta is involved in the regulation of unspecific humoral immune responses and immune responses against viral infections. It also increases the expression of HLA class I antigens and blocks the expression of HLA class II antigens stimulated by IFN-gamma.</p> <p>Interferon beta 1 can be used for topic treatment of condylomata acuminata. Some studies</p>

## Target Details

suggest that Interferon beta 1 tends to prevent disease activity in patients with multiple sclerosis. Recombinant Interferon beta 1 protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: lfb, IFN-beta, IFNB, Interferon beta 1. NCBI no.: NP\_034640

Molecular Weight: 22.0 kDa (182 aa), confirmed by MALDI-TOF.

Pathways: [JAK-STAT Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Hepatitis C](#), [Autophagy](#), [Inflammasome](#)

## Application Details

Restrictions: For Research Use only

## Handling

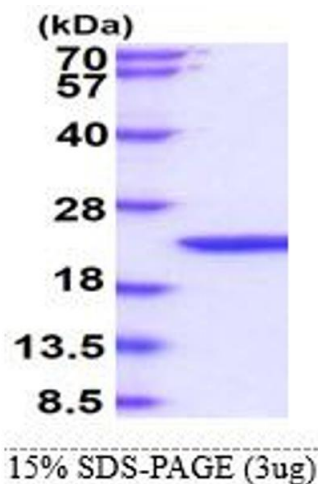
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 0.1 M NaCl, 30% glycerol

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.