

Datasheet for ABIN7320562

**IFNA2 Protein**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	IFNA2
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Mouse Interferon α-2/IFNA2 Protein
Sequence:	Cys24-Glu190
Characteristics:	Recombinant Mouse Interferon alpha-2 is produced by our E.coli expression system and the target gene encoding Cys24-Glu190 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	IFNA2
Alternative Name:	Interferon alpha-2/IFNA2 ( <a href="#">IFNA2 Products</a> )
Background:	Background: At least 23 different variants of Interferon-α are known. The individual proteins have molecular masses between 19-26 kD and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-α subtypes

## Target Details

differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxyl-terminal end.

Synonym: Interferon Alpha-2, IFN-Alpha-2, Interferon Alpha-A, LeIF A, IFNA2

Molecular Weight:	19.5 kDa
UniProt:	<a href="#">P01573</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Hepatitis C</a>

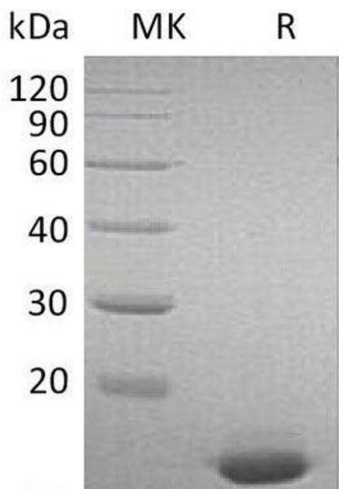
## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,100 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Images



### Western Blotting

Image 1.