

Datasheet for ABIN5712123

## IFITM1 Protein (AA 1-36, Extracellular) (GST tag)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	IFITM1
Protein Characteristics:	Extracellular, AA 1-36
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFITM1 protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	MHKEEHEVAV LGAPPSTILP RSTVINIHSE TSVPDH
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	IFITM1
Alternative Name:	IFM1 ( <a href="#">IFITM1 Products</a> )
Background:	IFN-induced antiviral protein which inhibits the entry of viruses to the host cell cytoplasm, permitting endocytosis, but preventing subsequent viral fusion and release of viral contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV), Ebola virus (EBOV), Dengue virus (DENV), West Nile virus

## Target Details

(WNV), human immunodeficiency virus type 1 (HIV-1) and hepatitis C virus (HCV). Can inhibit: influenza virus haemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry and SARS-CoV S protein-mediated viral entry. Also implicated in cell adhesion and control of cell growth and migration. Plays a key role in the antiproliferative action of IFN-gamma either by inhibiting the ERK activation or by arresting cell growth in G1 phase in a p53-dependent manner. Acts as a positive regulator of osteoblast differentiation

Molecular Weight: 31.3 kDa

UniProt: [P13164](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

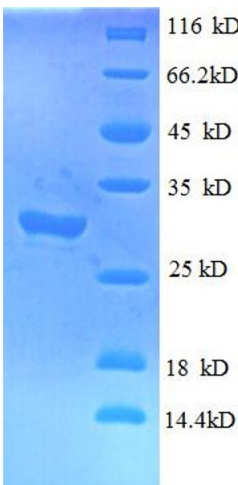
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

Image 1.