

Datasheet for ABIN7596388

## IFNAR1 Protein (AA 28-436) (His tag)



[Go to Product page](#)

### Overview

Quantity:	500 µg
Target:	IFNAR1
Protein Characteristics:	AA 28-436
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	KNLKSPQKVE VDIIDDNFIL RWNRSDESVG NVTFSFDYQK TGMDNWIWLS GCQNITSTKC NFSSLKLNVE EEIKLRIRAE KENTSSWYEV DSFTPFRKAQ IGPPEVHLEA EDKAIVIHIS PGTKDSVMWA LDGLSFTYSL VIWKNSSGVE ERIENIYSRH KIYKLSPETT YCLKVKAALL TSWKIGVYSP VHCIKTTVEN ELPPPENIEV SVQNNQNYVLK WDYTYANMTF QVQWLHAFLE RNPNGNHYKW KQIPDCENVK TTQCVFPQNV FQKGIYLLRV QASDGNNTSF WSEEIKFDTE IQAFLLPPVF NIRSLSDSFH IYIGAPKQSG NTPVIQDYPL IYEIIFWENT SNAERKIEK KTDVTVPNLK PLTVYCVKAR AHTMDEKLNK SSVFSDAVCE KTKPGNTSK
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

## Target Details

Target:	IFNAR1
Alternative Name:	IFN-alpha/beta R1/IFNAR1 ( <a href="#">IFNAR1 Products</a> )
Background:	IFN-alpha/beta R1, also known as interferon alpha/beta receptor 1 (IFNAR1), is a member of the class II cytokine receptor family of proteins that form heterodimeric receptor complexes. These receptors are shared and served multiple functions. IFNAR1 and IFNBR1, in association with IFNAR2 and IFNBR2, is required for propagating anti-microbial signal transduction triggered by the type 1 interferons such as IFN-alpha and IFN-beta. Also, binding and activation of it stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. Recombinant Human IFN-alpha/beta R1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	47.9 kDa (415aa)
NCBI Accession:	<a href="#">NP_000620</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Hepatitis C</a>

## Application Details

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

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
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.