Datasheet for ABIN7596158

IFNAR2 Protein (AA 27-243) (hIgG-His-tag)

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Overview

Quantity:	250 µg
Target:	IFNAR2
Protein Characteristics:	AA 27-243
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IFNAR2 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

Product Details

Sequence:	ISYDSPDYTD ESCTFKISLR NFRSILSWEL KNHSIVPTHY TLLYTIMSKP EDLKVVKNCA NTTRSFCDLT DEWRSTHEAY VTVLEGFSGN TTLFSCSHNF WLAIDMSFEP PEFEIVGFTN HINVMVKFPS IVEEELQFDL SLVIEEQSEG IVKKHKPEIK GNMSGNFTYI IDKLIPNTNY CVSVYLEHSD EQAVIKSPLK CTLLPPGQES ESAESAK
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)
Biological Activity Comment:	Measured by its binding ability in a functional ELISA with Human IFN-alpha 2 (CAT# IFN0502) in the presence of Human IFN-alpha/beta R1 (CAT# ATGP3894). The ED50 range ≤ 500 ng/ml.

Target Details

Target:	IFNAR2
Alternative Name:	IFN-alpha/beta R2/IFNAR2 (IFNAR2 Products)
Background:	IFN-alpha/beta R2, also known as IFNAR2, is a member of the class II cytokine receptor family. This protein is the principal ligand binding subunit of the receptor. Ligand bindnig is stabilized by the subsequent association with IFNAR1 and forms the signaling compelx recptor. It also plays the role in STAT1, STAT2, and STAT3 activation. Recombinant human IFN-alpha/beta R2, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	51.7kDa (456aa)
NCBI Accession:	NP_997468
Pathways:	JAK-STAT Signaling, Hepatitis C

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 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.