

Datasheet for ABIN7121490 IFNAR2 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	IFNAR2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR2 protein is labelled with His tag.

Product Details

Purpose:	Mouse IFN-alpha / beta R2 Protein, His Tag
Sequence:	Ser 22 - Ala 242
Characteristics:	Mouse IFN-alpha / beta R2, His Tag (IF2-M5225) is expressed from human 293 cells (HEK293). It contains AA Ser 22 - Ala 242 (Accession # O35664-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IFNAR2
Alternative Name:	IFN-alpha / beta R2 (IFNAR2 Products)
Background:	Synonyms: IFNAR2,IFNARB,IFNABR,IFN-R-2,IFN-alpha,beta receptor 2, Description: Interferon alpha/beta receptor 2 (IFNAR2) is also known as IFN-alpha binding protein, IFN-alpha/beta receptor 2, Type I interferon receptor 2, IFNABR and IFNARB, which is a

Target Details

single-pass type I membrane protein and belongs to the type II cytokine receptor family. IFNAR2 can associate with IFNAR1 to form the type I interferon receptor. IFNAR2 is a receptor for interferons alpha and beta. IFNAR2 involves in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 of IFNAR2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 of IFNAR2 is a potent inhibitor of type I IFN receptor activity. Genetic variations in IFNAR2 influence susceptibility to hepatitis B virus (HBV) infection.

Molecular Weight: 26.6 kDa

NCBI Accession: [NP_034639](#)

Pathways: [JAK-STAT Signaling](#), [Hepatitis C](#)

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 26.6 kDa. The protein migrates as 45-55 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C